

VHF-UHF DIGEST

1974
JUNE

- | | |
|-------------------------|--------------------|
| 1 AGUASCALIENTES | 17 MORELOS |
| 2 BAJA CALIFORNIA NORTE | 18 NAYARIT |
| 3 BAJA CALIFORNIA SUR | 19 NUEVO LEÓN |
| 4 CAMPECHE | 20 OAXACA |
| 5 COAHUILA | 21 PUEBLA |
| 6 COLIMA | 22 QUERETARO |
| 7 CHIAPAS | 23 QUINTANA ROO |
| 8 CHIHUAHUA | 24 SAN LUIS POTOSÍ |
| 9 DISTRITO FEDERAL | 25 SINALOA |
| 10 DURANGO | 26 SONORA |
| 11 GUANAJUATO | 27 TABASCO |
| 12 GUERRERO | 28 TAMAULIPAS |
| 13 HIDALGO | 29 TLAXCALA |
| 14 JALISCO | 30 VERACRUZ |
| 15 MEXICO | 31 YUCATAN |
| 16 MICHOACAN | 32 ZACATECAS |



publishers' notes...

WTFDA HEADQUARTERS, P.O. BOX 163, DEERFIELD, IL 60015 USA

WTFDA CONVENTION COMING SOON... The first weekend of August (2nd thru 4th) is just around the corner. Plan now to attend the WTFDA convention in Topeka, Kansas. If you've ever been to a WTFDA convention, you know how enjoyable they can be. If this is your first WTFDA convention, you're bound to be glad you came. The convention itself will be held in a studio of KTWU, channel 11. Motel rooms are available at the Holiday Inn Topeka West, and the Universal Inn (motels adjacent to each other). The Saturday evening banquet will be at the Holiday Inn. The Universal Inn rates are lower than the Holiday Inn, but the Universal does not have a pool. Dave Pomeroy reports that the "Universal is new-- quite clean and nice." Both motels have color TV sets. Rates are as follows:

Holiday Inn: Single \$15, Two people \$21, Family \$23.

Universal Inn: Single \$8, Two people (1 bed) \$11, Two people (2 beds) \$12.42. No charge for children under 6.

A convention registration form can be found in the center of this issue. If you plan to attend the convention, fill out the form as soon as possible and be sure to indicate what motel you prefer. Be sure to check with other WTFDAers in your area if you'd like to "pool it."

TV DX FROM SPACE... On May 30th NASA launched ATS-6, "the most complex, versatile, and powerful communications spacecraft ever developed." For a period of one year, ATS-6 will be in a geosynchronous orbit (fixed), beaming television signal in the 2600 Mhz band toward the US. This same satellite will later be moved over India to provide direct transmission to small, low cost, receiver sites. NASA feels that all that will be required for adequate reception will be a \$60 converter and a 10' dish antenna made from "chicken wire and wood". Several US government agencies plan to broadcast signals to the Rocky Mountain region, the Appalachian states, and the states of Washington and Alaska (during different months). Believe it or not, one of the main receiver sites for the Appalachian educational TV project is in Fredonia, New York (in Seybold's back yard??). We hope to bring you a full report in a coming VUD on the chances of receiving these broadcasts on a home brew converter. (circuits anyone??) The converter would also be useful for DXing the many earth bound Instructional TV Stations. In fact, in the Chicago area, a "Catholic TV Network" is planned for the ITV band.

SPECIAL BACK ISSUE OFFER... You can now get any of the available back issues at a reduced price. Any four back issues are \$2.50, a 50¢ savings. You can save \$2.50 when you buy any ten back issues for \$5. The single price for back issues is still 75¢ each. You'll find a list of the available back issues on our back cover... A new supply of Log Sheets and Station Report Forms are also on hand. Order now and prepare for the coming season! .. The WTFDA TV TRANSLATOR GUIDE is selling well. In fact, it's moving faster than we had expected. The GUIDE was printed in a small quantity, spiral bound, and a full 8 1/2 x 11.

Next month Don Ruland takes over as editor... 73, Gary and Morrie

WTFDA Member Survey

by Jim Alexander

A survey of WTFDA members was taken in late September of last year, and the results are ready for publication. The survey covered members' areas of DX activity; interest in various types of columns, and opinion of the columns that presently appear in the VUD. Specific questions in the survey included the possible limiting of members' DX reports to 1 page per month, and the use of the paragraph as opposed to the column format in the DX report columns. Almost 100 members sent in a survey. Here, starting with some numerical data, is some of what these members had to say.

First, members were asked to rate their level of DX activity on VHF-TV, UHF-TV, FM radio, and VHF radio. This was the response:

	Very Active	Active	Slightly Active	Inactive
VHF-TV	36%	21%	30%	14%
UHF-TV	29	19	33	18
FM radio	27	20	27	25
VHF radio	7	6	19	73

63% of the members that answered had been DXing at least one of the above areas of interest for 5 years or more.

Zenith TV sets were the most common rx's of TV DXers. On VHF-TV for antennas most had either yagis or log periodics. Parabolic dishes were popular among UHF-TV DXers, with the Finco 7' dish being the one used most. CMA-Ub pre-amps were also popular among the UHF-TV DXers. The Heath AJ-15 seemed to be the most popular FM set. FM antennas were mainly yagis. VHF radio DXers used various brands of rx's, with Realistic and Regency seeming to be the most often used.

Members were asked to rate some 19 columns that appear in the VUD. Here are the four columns that were rated highest:

	Excellent	Good	Fair	Poor
Bob's Tek-Notes	74%	20%	5%	1%
FCC-FM	63	30	6	1
Techni-Corner	62	31	7	0
FCC-TV	59	35	6	0

The last bit of 'rating' members were asked to do concerned interest in various types of columns. Here are the four types that were rated highest in the members' interest:

	Very Interested	Interested	Slightly Interested	Uninterested
DX Techniques	82%	13%	5%	0%
Propagation	65	27	9	0
Equipment Reviews	56	26	13	5
Question & Answer	38	42	14	6

Aside from rating columns and activity, members were asked to comment on WTFDA and its publication, the VUD. One item that members wanted was an article reprint service. Additionally, in support of this item, an NRC member said "Lest reprints appear to be a money-losing operation, bear in mind that here in NRC we have sold about 40,000 pages of reprints in the past 3 years; at even a fraction of a cent profit per page it'll help underwrite club expenses to an unexpected degree!" Other common requests were for more feature articles, and for more photos. A high percentage of those that indicated an interest in VHF radio asked for a more expanded column on this topic. One member said "... I believe that your little one-page column lets readers down... It needs new products for monitoring to be listed. It also needs info which can be related to most every reader, not just those in the logged areas."

There were some comments on the club organization. All but one was favorable, the exception being this one; "Club lacks democracy. Hq fails to answer mails. All important issues should be voted on by the membership. Glad to see the 1974 convention site voted on." In almost direct disagreement, another member said "WTFDA should continue to emphasize DX and DXing and play down organizational trivia such as club gov't, etc. DX clubs exist to provide up-to-date DX information for the membership; since DX clubs exist strictly by virtue of their volunteer workers, WTFDA should continue to resist the trap of 'democratic' government which has plagued or kill clubs such as IRCA and CDXC. The people that do the work should make the decisions." Another comment on the subject took a seemingly more middle-of-the-road view: "The club is growing rapidly, but its editorial membership is restricted to original members in a limited area. Newcomers pay up and read, exert not much influence. Perhaps an advisory board made up of members in various parts of the country, with various DX interests would make for a more broadly based, broadly appealing club. Hq does a fine job, but more club members must be involved."

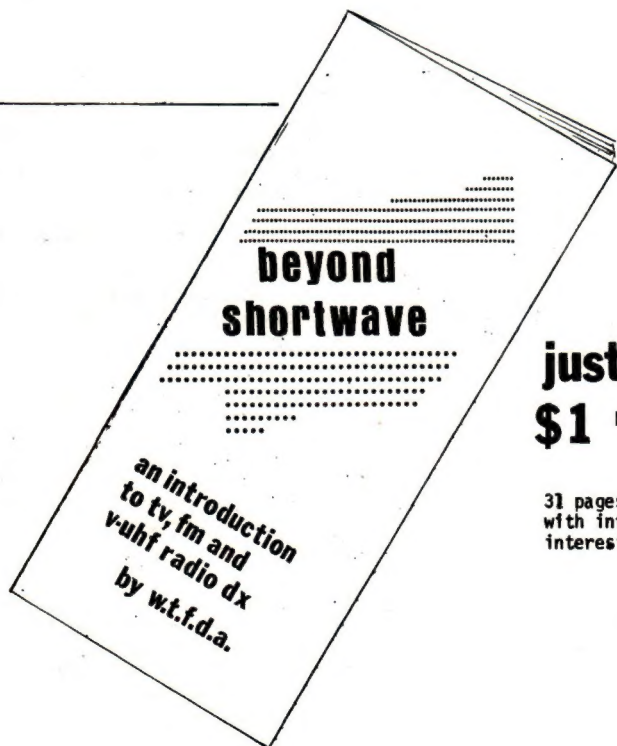
By far the topic that drew the most comment was the issue of how DX reports should appear in the VUD. Whether or not long reports were boring, and should be limited to 1 page per month was the subject of much debate. Answering the question "Do you consider long reports boring?", 57% said no, and 43% said yes. Those that opposed the limiting of FM DX reports were in the majority, 61% to 39%. The limiting of reports to 1 page per month for TV DX reports drew more opposition, as 65% opposed the possible limitation, and 35% supported it. Those that made written comments concerning DX reports, however, were more often than not opposed to lengthy reports. The member that seemed to be most in favor of limiting DX reports said "Even 1 page per month may be too much for members who ramble and repeat and for editors who lack the guts to edit... I am glad I do not edit a reporting column, for if I did I would get in there and really dig. I'd weed out all the irrelevant and cut almost everybody's 'DX' report down." Most comments in favor of stricter editing policies went along the lines of "Eliminate relog after relog!", and "Cut out the bragging and the repeats, and in my opinion all should be a lot better." There were a number of comments opposing the limiting of reports. One comment read "I think that member reports should not be limited because of the valuable content that would be lost if it was done... Before you know it, we will be like the IRCA and limiting reports to 2 lines." Another member said "Active DXers should not be penalized for their activity. Real DX never boring." An interesting point was brought up by these comments: "If you asked #13 (question 13 read 'Do you consider long reports boring?' - jja), you should also have asked 'Do you consider heavily edited reports useless?' VHF-UHF DX in particular pours in when it rains, thus it should not be subject to arbitrary page limitations.", and "The purpose of a report, in my opinion, is to report conditions, not necessarily to name each and every catch, especially in rich DX seasons." Some members stated that straight lists of stations heard were somewhat boring, but that reports with comments included were interesting.

The question of the use of the paragraph as opposed to the column format was much more decisively answered. For FM reports, 67% favored the column format, and 84% favored the use of the column format in the TV DX report columns. Written comments also heavily favored the column style. Typical comments were "Reports in paragraph style are a real chore to plough through", and "Use column, rather than paragraph form for TV or FM reports - makes it much easier to read, and later especially easier to find or pinpoint information you may be looking for."

Still another question pertaining to DX reports was whether or not program material received should be included in TV and FM DX reports. On TV reports the answer was 56% yes, and on FM 68% yes. Written comments were mainly along the lines of "Program material should be included with TV or FM DX reports if the DXer cares to send it in, but it should be limited to what may help other DXers."

There were suggestions that DX reports be removed from the VUD in their present form. One member suggested having the reports broken down by days instead of by DXers. "Accomplishments of DXers will appear in the Statistics column. The 'report' columns would be digests of what happened on particular days, sort of like QST's 'World above 50 Mc.' . " Another member suggested that the reports be mimeographed and sent as a supplement to the VUD. With the offset space saved, there would be more space for photos, equipment reviews, and construction projects.

What do the members think of WTFDA as a whole ? Probably the best indication comes from the answers to the question "How would you compare the VUD with other clubs' publications for overall quality and content?". Almost all that answered compared the VUD favorably. "As good, if not better" and "very good" were very common answers. If the rating of the VUD is any indication, members think highly of WTFDA.



just
\$1 FROM HQ

31 pages, jam-packed
with information to
interest the novice or pro.

Quad Loop

by Bill Smith*

The author's employer, Bob Cooper, president of CADCO, Inc., encouraged the writing of this article after the results obtained in my apartment DX shack.

Nothing new is claimed about this design, called a Quad Loop, but it is apparent that the design has been neglected by TV DXers. The quad was developed in 1939 by W9LZX for shortwave broadcast application at station HCJB, near Quito, Ecuador. The Quad Loop may be the Es antenna answer for many who live in apartments, or similar, and do not have the benefit of outside antennas. The Quad Loop is a single band, or channel, antenna because of its high "Q". It is a quarter-wave length on a side, figured by the formula: 248 divided by the center frequency of the desired television channel. (See Figure 1) For example, channel 2 is 54 to 60 MHz, so the center frequency is 57 MHz, making each side of the Quad Loop 4.35 feet. Similar calculation applies to whichever channel(s) you choose to DX. The

The loop may be made from electrical zip cord, (typically 5¢ per foot) split apart, and soldered at one end to form a single wire 8.7 feet long. The wire may be nailed to a wall (using small wire brads) in the shape of a square. It should be fed where the ends meet, either on a vertical or on a horizontal side. The feed must be at the center of either side. If the loop is fed on the vertical side, the antenna will exhibit predominately vertical polarization, and if fed on a horizontal side will have horizontal polarization.

Polarization shift of a signal propagated by Es may or may not allow it to arrive at your receiving site in the same plane as transmitted by the television station. It is therefore questionable whether a vertical or horizontal polarized receiving antenna is important. If, for instance, you have a local station adjacent to the channel you wish to DX, vertically polarized antenna will serve to reduce this interference by perhaps 30 dB, while having little or no effect on the desired Es station. Most TV stations transmit a horizontally polarized signal, so in a adjacent local channel situation, there is a definite advantage to make your Quad Loop vertically polarized.

The Quad Loop's maximum gain is broadside to its faces. Ideally, two loops should be used on opposite walls of the shack, two ~~isaka shawidone~~ facing north-south, the other east-west, but the choice is yours. I have my Quad Loops covered with a decorative fish net. The white zip cord is all but unnoticeable, which my wife appreciates.

The Quad Loop may be directly fed with 75 ohm coax, the center conductor soldered to one end, the shield to the other. For the perfectionist; yes, an unbalanced condition does exist which could cause a standing wave problem, but for our purposes, may be neglected. Another advantage of a shack wall mounted antenna is that the 75 ohm coax feedline length may be kept to a minimum. In fact, if you need adjacent channel protection and/or voltage gain, a trap or preamplifier may be placed right at the feedpoint.

About performance... from personal experience the quad loop far outperforms a standard dipole. Theory says the Quad Loop has a 9/10 gain over a standard dipole. In practice, the gain appears to be much better. Single channel tower-mounted antennas obviously are better, but the so called all-channel antennas are a compromise at any channel in terms of gain, feed point impedance and similar parameters, all of which are compounded by lengthy feedlines. A typical 100 foot feedline can cost you many dB and in fact, a

*Bill Smith, W5TVB, has been a vhf amateur for nearly 20 years and has been the editor of QST magazine's "World above 50 Mc." for more than seven years. Bill is a W7FDAer and can be written to at Box 18904, Oklahoma City, OK 73118

simple indoor antenna such as the Quad Loop may well outperform an expensive outdoor array for Es reception.

I do know that my simple 45¢ Quad Loop holds its own against larger expensive arrays, and is likely the best you can do with an indoor antenna, because I've tried them all. I needed a system that would allow me to meet Bob Cooper face-to-face every morning at the office when we compare Es results. In all fairness, the Quad Loop finishes second to a log or Yagi over tropo paths.

One last thought... 5 to 6 dB gain over a single Quad Loop may be had by mounting a second closed loop of the same size behind the driven element, by a distance of the center frequency divided into 118 (Figure 2). For channel 2, the distance is 2.07 feet. The antenna could be closet mounted with the loops attached to opposite walls, or on either side of the same wall, depending on the channel design. Maximum gain is off the face of the loop that is fed. Back signals are rejected by as much as 25 dB.

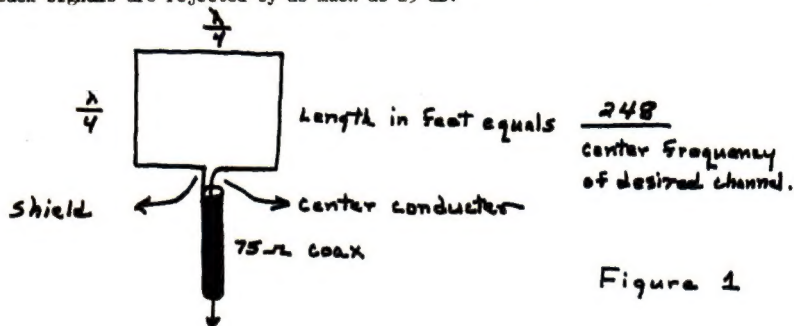


Figure 1

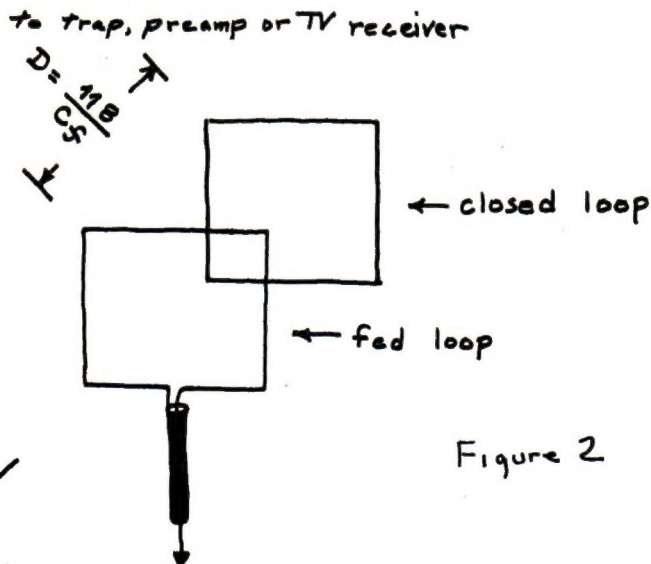


Figure 2

5-6 dB gain

The length of each side of each loop is determined by formula $L = \frac{248}{C_f}$



FCC TV NEWS — DATA

June 1974

Roger H. Brown WN8SEN
1617 Linden St.
E. Lansing, MI 48823

STATION STATUS CHANGES

KPVI-6 Pocatello, ID on 4-26
WNIT-34 South Bend, IN on
(officially) 4-28
WUHY-35 Philadelphia, PA off
temporarily early May
WRFT-27 Roanoke, VA off until
5-28-74

APPLICATIONS FOR NEW STATIONS

Council Bluffs, IA-ch. 32 Educational
730KW Vis., 320' AAT
St. Louis, MO-ch. 40 Educational
60KW Vis., 370' AAT
McAllen, TX-ch. 48 3200 KW Vis.
980' AAT

CPs GRANTED, MODIFIED

New-23 Brownsville, TX CP for Comm.
Station with 4500 KW Vis., 450' AAT
WBRB-68 Newark, NJ CP changed for
2000 KW Vis., 750' AAT. Station owned
by Blonder-Tongue, will be Pay TV

CALL LETTER CHANGES

WRJA-TV ch. 27 Sunter, SC new Educ.
KIVI (TV) ch. 6 Nampa, ID was KITC
KJAA (TV) ch. 36 Red Oak, IA new Educ.
WGLJ (TV) ch. 24 Memphis, TN new Comm.
WLVI-TV ch. 56 Boston, MA was WKBG-TV

CHANGES IN ACTIVE STATIONS

KAIL-53 Fresno, CA CP for 2900 KW Vis.,
1850' AAT
KGO-7 San Francisco, CA CP for 316 KW Vis.,
1700' AAT
KCRG-9 Cedar Rapids, IA CP for 316 KW Vis.,
2000' AAT
WCBS-2, WNBC-4, WNEW-5, WNYC-31, WOR-9, WABC-7
WNET-13, WXTV-41 CPs for move to World
Trade Center, New York City.
WGG-16 Greenville, SC CP for 230 KW Vis.,
1200' AAT

TRANSLATORS

Saratoga, CA Li Cancelled for K12DU
Peach Springs, AZ K73AJ primary sta. KTAR-12
St. Mary's Co., MD w71AF prim. Sta. WCPB-28
Paonia, CO Lisc Granted K06HZ, K11LU
Scobey, MT Lisc Granted K03DP, K13MA
Flagstaff, AZ Cancel K71CF, K73CD, K82BH
Battle, Mt., NV K111Y primary now KEKO-10
Copper Canyon Mines, NV prime now KEKO-10
Kennydale, WA cancel K79BD
Honesdale, PA lisc granted W80AM
Mena, AR cancel K13JH
Daggett, CA K71BB, K73AV to ch 57, 59

MISCELLANEOUS

Licenses cancelled for WFAN-14 Wash. DC,
WMET-24 Baltimore and WSUN-38 St. Pete, FL
More next month. 73 and peace. ROG

FCC FM NEWS

Bruce F. Elving, Editor
Box 24
Adolph MN 55701, U. S. A.

New Construction Permits

AL Gadsden *89.9 3500; 76' Gadsden State/
AK Sitka *100.1 10 High School
AR Berryville 107.1 1000 h,v; 451'
CA Dinuba 98.9 8800 h,v; 1000' Final Dec-
CA Pismo Beach 95.3 1680 h,v; 389' [iston
CA Stockton *90.3 10
CO Oak Creek 103.9 400 h,v; 98'
IL Chicao *88.1 10; U of IL, 601 S.Morgan
IL Geneseo 104.9 3000 h,v; 265'
KY Elkhorn City 103.1 2050 h,v; 209'
ME Sanford 92.1 3000 h,v; 52'
MI Caro 104.9 3000 h,v; 300'
MI Harrison 92.1 3000; 300'
MN Duluth *92.9 46000 h,v; 603' MN Ed.Rad.
MS Brandon 97.7 3000 h,v; 290'
NY Geneva 101.7 3000 h,v; 117' Final Dec.
NY Saratoga Springs *91.1 10 Skidmore Col.
PA Norristown *91.5 10
SD Spearfish *89.1 10 Black Hills College
TX El Paso 95.5 100000 h,v; 1197'
UT Mount Pleasant *91.1 10
UT Vernal 92.7 1350 h,v; 430'
WI Green Bay *90.1 10
WY Jackson 96.9 55100 h,v; 963'

Starts Authorized - On Air and DX Ready!

CA Fremont KOHL *89.3 10
CT Fairfield WVOF *88.5 10 album rock
FL Winter Park WPFL *88.9 10
GA Atlanta WCLK *91.9 54; 340'
GA Tifton WABR*-FM *90.5 10
IL Chicago WCHI *88.5 10
IL Godfrey WLCB *89.9 10 [Calls, too]
IL Quincy WQOC *90.3 10; IN Jeffersonville
-Louisville KY WQHI 95.7 33000 h,v; 580'
IN Rensselaer WJCK 97.7 3000 h,v; 300'
IA Cedar Falls *88.1 KHKE 2000 h,v; 210'
[Calls, too]. KS Colby KTCC *91.9 10 [340]
ME Gardiner-Augusta WKME 104.3 14500 h,v;
ME Houlton WRNE *89.1 10 [Calls, too]
ME Portland WMEA *90.1 47500; 1917' stereo
ME Waterville WMBH *91.5 10
MA Waynard WAVM *91.7 10 [Calls, too]
MA Newton WZBC *90.3 10 ["Hit Parade"]
MI Marquette WUUN 100.1 1800 h,v; 370'/
MI Muskegon Heights WKJR-FM 101.7 3000h,v/
MS West Point WBBB 100.9 3000; 175' [300]
MO Greenfield KRFG 93.5 2350 h,v; 330'
MO Liberty KNBP *91.9 10
NJ Flemington WCVH *90.5 69; 300'
NY Corning WCEB *91.9 10 [soul music]
NY Rochester WDKX 103.9 3000 h,v; 300' 1/
NC Farmville WRQR 94.3 3000 h,v; 300' r/
OK Altus KWHM-FM 93.5 3000 h,v; 300'
OR Lebanon KOMS 103.7 25000 h,v; 175'

TN Memphis WQXX *88.5 2150 h,v; 507' \$
TN Oak Ridge WKFI-FM 100.3 100000h,v; 2000! \$
TX Beaumont KVLU *91.3 24000; 550'
KRSS DELETES!
WI Milton WMOF *89.9 10

Call Letter Assignments and Changes

AL Montgomery 103.3 WNGZ (from WJMM*-FM)
CA Livermore 101.7 KKIQ (from KYTE)
CA Madera 92.1 KUUL (*cool?*)
CA Salinas 103.9 KCTY-FM (from KERR)
CO Denver 103.5 KOAQ (from KOA-FM)
CO Pueblo 99.9 KPUB-FM [Radio*]
CO Steamboat Springs 96.7 KBCB *Big Country/
DC Washington 93.9 WKYS (WRC-FM) Still MOR
FL Goulds 96.3 WOOA
FL West Palm Beach 92.1 WMBB
FL Hialeah 92.1 WCMQ-FM (WQXX) Latin; Spanish
IL Centralia 95.3 WRXX (from WILY-FM)
IL Freeport 98.5 WFRL-FM (WELL*-FM*)
IA Iowa City 93.5 KRMA (KOLG)
KS Marysville 103.1 KNDY-FM ("candy"-land)
KY Stanton 104.9 WSKV
LA Lake Providence 92.7 KBED
ME Fort Kent *90.3 WUFX
ME Scarborough 106.3 WJBC*-FM*
MA Tisbury 95.9 WVOI
MI Whitehall 95.3 WLRQ (from WLCR-FM)
MN Northfield *90.3 KRLX
MS Pascagoula 106.3 WPEM
MS Winona 96.7 WONA-FM
MO Branson 106.3 KIRK*-FM* (KPLO)
MO St. Joseph 105.1 KSFT (KUSN-FM)
MO St. Louis *89.3 KOMR
NE Sidney 95.3 KSID-FM
NM Humble City 94.1 KPDE
NM Mesilla Park 104.9 KOPE
NY Henrietta *90.5 WRHR
NC Roanoke Rapids 102.3 WPTM [place religion?]
NC Winston-Salem 93.1 WSEZ (WGFL) MOR to re-/
OH Marietta *88.3 WMRT Marietta College
OK Langston *90.7 KALU
OK Oklahoma City 107.7 KAEZ
OK Stillwater *90.9 KOAS
PA Johnstown 92.1 WAAT
SC Camden 94.3 WPUB-FM (See also Pueblo CO)
SC Summerville 93.5 WNNZ soul music
TN Brownsville 95.3 WTBB*-FM* (from WBHT-FM)
TN Lobelville 94.3 WTHJ
TX Edinburg 107.9 KESI
MA Centralia *91.3 KCED
NV Morgantown 100.1 WCLG-FM

Dual-City Identification FL Sarasota WQSR
102.5 to Sarasota-St. Petersburg
Deletion [station
MO Mandaree KRSS *88.1 Indian Reservation/
In the February YUD a question was
raised about the power, height of WRUT
97.1 Rutland VT. It was correct as
given: 830 h,v; 2580'.
Silent, But to Resume Operations . . .
IN Angola WAFM 100.1. Station has been
sold, subject to its returning to the
air within 60 days [100.1 3000; 210'].
In Philadelphia, WDRV 101.1 and WRCP-FM
104.5 withdraw their plan to swap
frequencies; to stay where they are!

Changes in Facilities

AL Fairhope W60K-FM 92.1 300' (3000h,v)
CA Blythe KYOR-FM 100.3 35000 h,v; 380'
CA Chico KFMF 93.7 14000 (215')
CA Santa Barbara KOB-FM 93.7
12500 h,v; 870'; and KRUI 103.5 2980'
(105000 h,v). CO La Junta KBLJ 92.1 300'
FL Jacksonville WQIK-FM 99.1 46000 h,v;
325'; GA Atlanta WKLS 96.1 850' (100kw)
IL Chicago WLAK 93.9 3000 h,v; 1532'
IL Skokie-Chicago WCLR 101.9 3000h,v;
15400'. KY Paducah WPAJ-FM 96.9 70000
(337'). ME Skowhegan WIOS from 105.1
to 106.7 (\$, 25000 h,v; 2420')
MO Baltimore WSPH from *90.3 to *88.1
(10 w); ordered by FCC to change fre-
quencies to "eliminate interference."
MA New Bedford WWSY 98.1 37000; 290'
MI Battle Creek WKFR-FM 103.3 31000 (72)
MI Detroit WDMC 104.3 19000h,v; 360'
MI Munising WQXD 98.3 1800 h,v; 380'
MI Petoskey 96.9 WJML-FM 100000 h,v; 800'
MN Minneapolis WCCO-FM 102.9 100000 h,v;
1300'; MO Columbia KOPN from *89.7 to
*89.5 40000; 200' [91.7 80000; 175'
MO Point Lookout KSDZ from *88.1 to /
MO Springfield KTTS-FM 94.7 100000; 615'
NV Reno KNEV 95.5 530' (50000)
NH Newport WCNL-FM from 104.9 to 101.7
(2000; -210'). NC Raleigh WRLB*-FM*
101.5 to 150000 h,v (990'). OH Steu-
benville WSTV-FM 103.5 12000 h, 9500 v
(880'). OK Edmond KWHF 97.7 300'
SC Aiken WNEZ 99.3 adds v
TX Arlington KAMC 94.9 100000 h,v (670')
TX El Paso KEZB 96.3 90000 h,v; 730'
TX Houston KIKK-FM 95.7 48000 h,v; 700'
VA Exmore WEXM-FM 107.5 28000; 260',
Calls changed from WEXM*-FM*.
PR Bayamon WEYA 94.7 36000; 115'

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WV Alexandria WKMT-FM 100.7 changes
from rock to country music. WATK-FM
104.9 Antigo WI \$ on 6 am to 10 pm.

FM INDUSTRY NEWS AND MEMBERS REPORTS AND COMMENTS

The Nevada Public Service Commission orders Teleprompter's Reno cable system to re-
sume carrying KSNB 94.9 San Francisco, following a campaign by local citizens demanding
KSNB service. KSNB had been dropped from the system because of interference from a sta-
tion on an adjacent channel (most likely KNIS 94.7 Carson City NV). Now the cable com-
pany will have to spend the money necessary to bring in KSNB with a satisfactory signal.
From a country music newspaper, it was reported that WCYN-FM 102.3 Cynthiaia KY is
country from 6 a. m. to 6 p. m; WVCN 100.1 Carrollton KY is country, as is WPDH 101.5

June, 1974

Poughkeepsie NY, having recently switched from MDR. KTRM-FM 95.1 Beaumont TX is country "10 hours a day, including gospel."

In Connecticut, WLAD-FM 93.3 Danbury, now on with full power, went stereo, MOR, 6 am-midnight, "Music for all Seasons," and 100% separate from AM. WINE-FM 95.1 Brookfield CT now 24 hours. WTIC-FM 96.5 Hartford now automated all-classical (except simulcast of WTIC overnight), and WICH-FM 97.7 Norwich is now country, 24 hours, "Easy Lovin' Country." WNYC (AM) New York each week has a program, "Visitors From the Other Side," interviews with people from the city's commercial stations, including FM stations. WERI-FM 103.7 Westerly RI, which simulcasts its AM 100%, does carry Holiday Inn's Dolly Holiday all night show--one of the few stations still doing so.

The FCC has proposed a rule that would reduce the amount of AM-FM program duplication that goes on. In larger cities, virtual 100% separation would be required, while the FCC is looking to others for comments on population sizes for smaller cities, and if the rule should be 50% nonduplication or not. It's my feeling the rule should apply to virtually all AM-FM stations (public AM-FM included), with maybe only 2-3 hours of separate programming in the very smallest markets. A WTFDA member Mike Collins opposes this proposal, thinking the present rule, applying to the largest cities, is sufficient. He doesn't want to see small coverage AMs with full service programming and wider coverage FM affils, like NJ's WJLK and WCTC have to separate their programming -- especially in the mornings when school closings, etc. are broadcast. Thus, "if the FCC extends the hours of nonduplication in major markets, I think it should be 9 am-midnight (instead of 6 am on) so the morning services can still be available on FM." New York's popular Don Imus is simulcast on WNBC-AM-FM from 6-9 a.m., for example.

WEZN 99.9 Bridgeport and WCTO 94.3 Smithtown NY, formerly directional, are both believed to now be nondirectional. WWRI-1600 New York is trying to buy WRNW 107.1 Briar-Cliff Manor NY, and simulcast WWRL's black format 50% of the time; they hope to use WRNW to get into Westchester County and the Bronx, where WWRL signal is weak.

KUHF #83.7 Houston reported back on the air. KWGS #89.5 Tulsa fears it will be off until September, as antenna blew down in mid-March; expects to relocate mast on a downtown tower. KIQQ 106.1 reportedly moved from Lyons to Sterling KS; not known if this is a change in city of license or a move of tower and/or studio. Apparently, Ellsworth and Great Bend translators of KIQQ to stay on the air. KHTB #91.9 Durant OK, 10 watts with a 130' tower, plans a power uppage and \$.

WJQJ 106.3 Picayune MS heard with MOR in \$; WBSJ 102.3 Ellisville MS seemed to be \$. KLEB-FM 94.3 Golden Meadow LA country and mono days; \$ rock nights. Hawaiian Telephone is phasing out its use of 98-108 MHz, so it's possible that eventually the entire FM band will be available in Hawaii, not just 88-98 MHz. With the deletion of KRSS, the only Indian-owned FM stations are KTDB #89.7 Ramah NM and #100.1 Sitka AK (at Mt. Edgecumbe, a large boarding school with Indians, Eskimos and Aleuts attending).

Mike Dornier's 7th Progress Report is now available--a 10-pager, with tables, reports on FM's growth, and an analysis of the US-Mexico FM treaty. All this for 40¢ in U. S. stamps to cover postage and handling. Order from him at 1409 Rymelia Ave., Metairie LA 70003. When you're ordering and you know the heights and exact radiated powers of any 10 watt FM stations, let him know, as he's compiling a list that includes such data.

KDMS 103.7 Lebanon OR, now on the air, with MOR, with signal weak in Bend. In Bend, an FCC hearing will be held to determine who will get the last vacant channel. KPMA 92.7 Jerome ID is asking that 102.9 be assigned, presumably so KPMA can go to a full 100 kw. Rextburg 94.3 and Burley 98.3 have both been applied for.

In MI, WQXO 98.3 Munising MI recently tone testing; look for regular programming soon. WQXO and WQON (AM) are now cooperative weather reporting stations, so designated by the U. S. Dept. of Commerce. KPIK-FM Colorado Springs now operating on 93.9, \$, country, but exact powers and height unknown (from 94.3). As of May 1, WQXK 92.1 Hialeah FL changed to WQCM-FM, Latin, soul, 24 hours a day, the first Spanish FM in the Miami area. WVUM #90.5 Coral Gables is \$, even though 10 watts. WDAE-FM 100.7 Tampa and WPRK #91.5 Winter Park, supposedly \$, are still reported to be mono. WMEA #90.1 Portland ME id's with the Maine Public Broadcast Network, including WHEH Bangor. WERS #88.9 Boston went full \$.

WSPD-FM 104.1 La Plata MD now country music; station may change or move. WGUL-FM 105.5 New Port Richey FL is reported to have switched from MOR to country music.

Contributors last month: Robt. Baker, Humboldt IA; Dick Clark, MA; Dr. Richard E. Wood, Baton Rouge LA. More news: Adding \$ Lighthouse Point FL; Michael Collins, Hartford CT; Mike Dornier is WVVV 104.9 Blacksburg VA. From Bill Dickerman, Williamsport PA: WQCR-FM #104.5 Wellsboro-Mansfield PA now on 104.5, calling selves "FM 104" and "country gold," 50000 watts, claiming to serve 17 counties in two states; Mutual news. Bill would like this column to list when stations with permits to increase power actually do change; but due to space considerations I have not considered this essential. I consider it news when a station does not consummate a power change or stalls it a long time; otherwise most power changes occur within 6 months of being granted. 73, *Jim*

JUNE 1974

Deadlines:

10 June (14-17, 92 FM)

10 July (18-21, FM SB)

10 August (22-25, TV SB)



Editor:

Glenn Hauser

620 N. Husband

Stillwater OK 74074

CORRECTION! In the April issue we overlooked the fact that Bruce Elving, Adolph MN, has received KOSU- 91.7 Stillwater OK not only by MS but by tropo too (790 miles). Thus, with no favoritism from your editor, one of its employees, KOSU-FM is the only station to hold distance records on its channel for all four propagations!

MS DX TEST: We've had several requests from WTFDA members for an MS test from KOSU-FM, and are happy to comply. An hour of continuous IDs will be transmitted Sunday, 11 August, at 0700-0800 CDT. Please report! Tapes are welcome (any standard, reel or cassette) but enclose sufficient postage if you need them back.

GUIDELINES FOR COMPUTING SCOREBOARD TOTALS AND DISTANCE RECORDS could not be included in WTFDA's Beyond Shortwave, but every new member should have them. Get your copy, free on request; or you'll find them on page 21 of the May 1973 VUD back issue....

TV SCOREBOARD

DXer, Location	S T A T I O N S					P O L I T I C A L U N I T S					YB	As of:
	Total	UHF	Trl	Es	MS	USA+Can	Mex	For	Total			
Robert Seybold, Dunkirk NY	640	227	28	155	28	49	8	4	3	65	50	17 Mar
*Bill Draeb, Kewaunee WI	553	215	24	145	15	41	6	1	0	49	53	13 Dec
*Roger Brown, East Lansing MI	421										57	21 Feb
*Gary Olson, Deerfield area IL	375	153	13	87	6	39	6	2	2	50	58	19 Jan
*Don Ruland, Kenosha WI	334	139	3	55	24	36	5	0	0	42	71	7 Feb
*Fred McCormack, Des Lacs ND	288	33	18	169	35	40	6	2	0	49	64	6 Feb
Marvin Shults, Toulon IL	274	112	12	82	1	35	6	2	1	44	65	10 May
Rod Luoma, Livonia MI	259	123	2	40	5	30	3	0	0	34	53	9 Apr
Frank Wheeler, Erie PA	249	48	0	108	4	32	9	0	1	43	55	14 Mar
Pat Dyer, San Antonio TX	239	36		111	17	38	2	8	4	52	59	9 May
Paul Traska, Buffalo NY	225	92	0	36	15	31	2	0	1	35	67	2 May
*Paul Petosky, Munising MI	210	15	10	91	3	36	6	0	0	42	54	6 Jan
Dave Egan, Valleyfield PQ	193	21	0	79	15	34	5	0	2	42	67	27 Mar
Peter Gennuso, Dunkirk NY	189	62	1	49	1	23	4	0	1	28	73	25 Apr
Richard N. Allen, nr Billings OK	174	54	14	42	18	33	4	5	0	42	73	8 May
Glenn Hauser, Stillwater OK	168	34	1	61	1	32	3	7	0	43	73	15 May
*Ken Simon, West Palm Beach FL	149	15	3	94	13	30	4	5	8	48	69	2 Jan
Dennis Smith, Wasco CA	148	27	8	89	0	25	3	3	0	31	54	17 Apr
Jim Pizzi, Orcutt area CA	136	28	6		2	18	4	4	0	26	63	28 Mar
*Fred Nordquist, North Syracuse NY	123	21	0	40	2	26	3	0	1	30	69	2 Jan
Peter Sawatzky, Waterloo Ont	122	40	0	43	0	24	3	0	0	27	71	5 May
John Combs, Orlando FL	120	22	0	45	5	21	2	1	4	28	71	2 May
*Richard E. Wood, Baton Rouge LA	81	17	0	21	0	14	2	0	4	20	73	25 Nov
Jim Alexander, New Hartford NY	62	4		32		18	5	0	0	23	72	May
Clark Golubic, Pittsburgh PA	46	9	0	21	3	13	1	0	0	14	71	23 Mar
*Walt Windish, Woodcliff Lake NJ	34	34	0	0	0	7	0	0	0	7	72	Jan
*Steven Wiselblood, Santa Maria CA	31	0	0	25	0	11	3	2	0	16	73	10 Feb
Frank Wheeler, Erie PA	(QSL) 209	37	0	93	1	31	9	0	1	42	55	14 Mar
Dave Egan, Valleyfield PQ	(QSL) 187	18	0	78	13	34	5				67	27 Mar
*Ken Simon, W Palm Beach FL	(QSL) 116	13	3	76	9	30	4	3	6	44	69	2 Jan

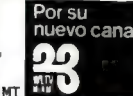
Jim Alexander is the first to send in his average distances, which are another way of quantifying 'DX': Es: 920 miles; tropo: 110 miles. Let's have some more!

NEW TVDX RECORDS

Ch	Call	Location	Prop	Miles	DXer, Location	Old Record
2	WPBT	Miami FL	Tr	1150	Pat Dyer, San Antonio TX	Harehide 665
	KTCA-	Saint Paul MN	MS	1115	Pat Dyer, San Antonio TX	Girard 1070
	CKSA-	Lloydminster Alta	Tr	125	Anthony Markewicz, Alsaak Sask	none
	CFCN-8	Oyen Alta	Tr	20	Anthony Markewicz, Alsaak Sask	none
	CKGN-2	Bancroft Ont	Tr	195	Robert Seybold, Dunkirk NY	none
	CMA-	Habana Cuba	MS	1100	Richard Lowry, Temple TX	none
3	KCRA-	Sacramento CA	Es	1435	Pat Dyer, San Antonio TX	Rugel 1395
	WPSX-	Clearfield PA	MS	515	Bill Draeb, Kewaunee WI	none
	WTMJ-	Milwaukee WI	Es	1410	L. A. Canning, Goose Bay Lab	error 1220
	CFCQ-1	Stranraer Sask	Tr	70	Anthony Markewicz, Alsaak Sask	none
4	WTYV	Dothan AL	Tr	300	John Combs, Orlando FL	LeBlanc 295
	KAID	Boise ID	Es	1130	Glenn Hauser, Stillwater OK	Prus 1055
	WOI-	Ames IA	Es	1175	W. J. Colden, Oak Bluffs MA	error
	KQNC-	Amarillo TX	Es	1460	Fred Nordquist, N Syracuse NY	Johnson 1325

4	CHAT-1	Pivot Alta	Tr	70	Anthony Markewicz, Alsask Sask	none
	CHFD-	Thunder Bay Ont	Es	1435	John Combs, Orlando FL	none
			Tr	285	Bill Draeb, Kewaunee WI	none
5	WUFT	Gainesville FL	Es	1180	Paul Petosky, Munising MI	WLWT 5 Grade 1175
			Tr	245	Ken Simon, W Palm Beach FL	none
	WPTV	Palm Beach FL	Tr	1145	Pat Dyer, San Antonio TX	Hauser 1045
	WLWT	Cincinnati OH	MS	890	Ken Simon, W Palm Beach FL	Hauser 745
	'CBXT'	Edmonton Alta	Es	1400	Marvin Shults, Toulon IL	Dombrowski 1355
	CJCH-	Halifax NS	Es	1300	Marvin Shults, Toulon IL	Dombrowski 1240
	CKBI-	Prince Albert Sask	Tr	210	Anthony Markewicz, Alsask Sask	Dillon 190
	XHGC-	Mexico DF	Es	1750	Greg Kelley, Staunton VA	Cooper 1720
6	WCIX-	S Miami FL	Tr	1140	Pat Dyer, San Antonio TX	Simon 85
	KITC	Nampa ID	Tr	115	Robert J Williams, Twin Falls ID	none
	CKGN-	Paris Ont	Tr	200	Roger Brown, East Lansing MI	none
7	KHQA-	Quincy IL	Es	640	Robert Seybold, Dunkirk NY	none
	WITV	Charleston SC	Tr	305	John Combs, Orlando FL	Kureth 165
	WDBJ-	Roanoke VA	Tr	950	Robert Cooper, Arcadia OK	Draeb 635
	CFCL-	Chapleau Ont	Tr	180	Paul Petosky, Munising MI	none
8	WVUE	New Orleans LA	MS	1020	Bill Draeb, Kewaunee WI	none
	W88BG	Iron Mountain MI	Tr	100	Bill Draeb, Kewaunee WI	none
	KFDO-	Sayre OK	MS	890	Bill Draeb, Kewaunee WI	WLUC-6 none
	KUHT	Houston TX	Tr	860	John Combs, Orlando FL	none
	CPQC-	Saskatoon Sask		170	Anthony Markewicz, Alsask Sask	Veazey 775
9	KIXE-	Redding CA		405	Jim Pizzi, Orcutt CA	Dillon & Kanaar 140
	WCPO-	Cincinnati OH		735	Robert Cooper, Arcadia OK	Smith 390
	CKNC-	Sudbury Ont		300	Rod Luoma, Livonia MI	Prus 640
	XHTP-	Mérida Yuc		800	Pat Dyer, San Antonio TX	Seybold 290
10	WENS-	Columbus OH		825	Robert Cooper, Arcadia OK	Hauser 795
	KTSD-	Pierre SD		535	Marvin Shults, Toulon IL	B Brown 665
	WLSL-	Roanoke VA		950	Robert Cooper, Arcadia OK	error
11	KPLR-	Saint Louis MO		665	Paul Traska, Buffalo NY	Howington 800
	KTHI-	Grand Forks ND		505	Bill Draeb, Kewaunee WI	error
	KHOU-	Houston TX		965	Ken Simon, W Palm Beach FL	Addison 245
	"CBKST"	Saskatoon Sask		170	Anthony Markewicz, Alsask Sask	none
12	WILL-	Urbana IL		510	Peter Gennuso, Dunkirk NY	none
15	WKPC-	Louisville KY (IN)		650	Robert Cooper, Arcadia OK	Seybold TIE
	WBRA-	Roanoke VA		950	Robert Cooper, Arcadia OK	Lewis & Rosenberg 495
16	WNPE	Watertown NY		570	Bill Draeb, Kewaunee WI	Brown 445
17	KCBJ	Columbia MO		725	Peter Gennuso, Dunkirk NY	Brown 435
	WPHL-	Philadelphia PA		695	Bill Draeb, Kewaunee WI	Seybold TIE
20	WXON-	Allen Park MI		745	Marvin Shults, Toulon IL	Stilwell 515
22	KWHY-	Los Angeles CA		130	Jim Pizzi, Orcutt CA	Draeb 255
	WVUT	Vincennes IN		570	Robert Cooper, Arcadia OK	Smith 90
	WKPI	Pikeville KY		825	Robert Cooper, Arcadia OK	Seybold 500
	WKEF	Dayton OH		760	Robert Cooper, Arcadia OK	Draeb 550
	CKGN-22	Uxbridge Ont		420	Bill Draeb, Kewaunee WI	Draeb & Downsviewers 365
	CKGN-1	Cottam Ont		295	Bill Draeb, Kewaunee WI	none
23	WLTV	Miami FL		1150	Pat Dyer, San Antonio TX	none
	WNJS	Camden NJ		715	Bill Draeb, Kewaunee WI	Frantz 15
24	K24AA	Newport NE		490	Robert Cooper, Arcadia OK	Seybold 285
	KIDZ	Wichita Falls TX		180	Richard N Allen, nr Billings OK	KOLN-10 none
25	WVIZ	Cleveland OH		915	Robert Cooper, Arcadia OK	none
27	KMTG	Springfield MO		810	Peter Gennuso, Dunkirk NY	Metzner 405
	WYAH-	Norfolk VA		715	Ken Simon, W Palm Beach FL	Seybold TIE
	WRET	Roanoke VA		945	Robert Cooper, Arcadia OK	Brown 595
28	WHWC-	Colfax WI		400	Roger Brown, East Lansing MI	Ruland 545
29	WVIR	Charlottesville VA		290	Jerry Pulice, Staten Island NY	none
	CKGN-29	Chatham Ont		290	Bill Draeb, Kewaunee WI	none
30	KHOF-	San Bernardino CA		155	Jim Pizzi, Orcutt CA	Smith 140
31	WHLA-	Holmen WI		350	Roger Brown, East Lansing MI	none
33	WMUL	Huntington WV		830	Robert Cooper, Arcadia OK	Draeb 495
34	WNIT	South Bend IN		355	Robert Seybold, Dunkirk NY	none
	WOSU-	Columbus OH		825	Robert Cooper, Arcadia OK	Draeb 405
35	WSWB-	Orlando FL		1040	Pat Dyer, San Antonio TX	none
	WLIO	Lima OH		790	Robert Cooper, Arcadia OK	Lewis 315
38	WJIL	Terre Haute IN		590	Robert Cooper, Arcadia OK	Rosenberg 505
	WKMR	Morehead KY		775	Robert Cooper, Arcadia OK	Draeb 480
40	KTXL	Sacramento CA		245	Jim Pizzi, Orcutt CA	Smith 240
42	WPBO	Portsmouth OH		805	Robert Cooper, Arcadia OK	Ruland 365
44	WOUC	Cambridge OH		915	Robert Cooper, Arcadia OK	Brown 240
46	WKLE	Lexington KY		720	Robert Cooper, Arcadia OK	Rosenberg & Lewis 470
51	WKID	Fort Lauderdale FL		1150	Pat Dyer, San Antonio TX	LeBlanc 660

WLWT 5



STATISTICS

JUNE 1974

52	KBCS	Los Angeles CA	130	Jim Pizzi; Orcutt CA	Smith 95
	WNJT	Trenton NJ	710	Bill Draeb, Kewaunee WI	Brown 525
57	WBGU-	Lima OH	295	Bill Draeb, Kewaunee WI	none
58	KICS	Los Angeles CA	130	Jim Pizzi, Orcutt CA	none
61	W61AA	Fort Lauderdale FL	40	Ken Simon, W Palm Beach FL	WCIX-6 none
62	WBLG	Lexington KY	720	Robert Cooper, Arcadia OK	Pomeroy 545
	WBAS	Syracuse NY	---	F. E. Hostetler, Dillonvale OH	DELETE
67	WSNL-	Patchogue NY	130	Steve West, Havertown PA	none
68	WKMJ	Louisville KY (IN)	650	Robert Cooper, Arcadia OK	Lewis & Rosenberg 495
69	WHFV	Fredericksburg VA	80	Greg Kelley, Staunton VA	none
72	W72AR	Lakewood PA	205	Robert Seybold, Dunkirk NY	WVIA-44 none
73	W73AT	Baltimore MD	75	Steve West, Havertown PA	WMPB-67 none
76	K76AU	Shamrock TX	175	Richard N Allen, nr Billings OK	Cooper 140
78	K78AZ	Matador TX	250	Richard N Allen, nr Billings OK	Cooper 210
83	W83AN	Stephenson MI	80	Paul Petosky, Munising MI	Draeb 70

Thanks to sharp-eyed Bill Draeb for pointing out some of our errors!

CUBA!

TV · FM

Cuba-watchers Ken Simon and Richard Clark provide an updated list of TV stations in that country; note the additions and changes in offsets compared to the Sept 1973 VUD list! Dick says Tele-Rebelde is not an educational net, but replaces net-2 in Oriente province. A new TR outlet on ch 8 has not yet been located. **key station

Ch	Off	Net	City	5	+	TR	Santiago de Cuba*	8	TR	(Oriente?)
2	+	2	La Habana*	6	ø	6	La Habana*	9	ø	6 Matanzas
		2	Ciego de Ávila	-		6	Camagüey	11	-	2,6 Cárdenas
	ø	6	Santiago de Cuba	7	+	6	Ciego de Ávila	12		2,6 Pinar del Río
3	+	6	Santa Clara	8	ø	2	Santa Clara	13	ø	2 Matanzas
	-	TR	Holguín			6	Holguín	--?	TR	Guantánamo
4	-	2	Camagüey							

AFCN Guantánamo Bay

CUBAN FM: Simon & Clark add these four to the three listed in March VUD, p. 9: 90.5 La Habana, Radio Rebelde (the only one frequently heard by Es) 102.0 AFCN Guantánamo, 600 watts; MOR, pop, classical, 24 hours. 103.0 AFCN Guantánamo, 50 watts; news, sports, AFRTS. 107.5 (+.2 MHz) Radio Rebelde, Oriente province. Richard Wood heard 'hardlineré', probably in Oriente on 88.3 and 90.1. The following 1965 CIA list may shed some light on the current FM situation in Cuba; many may still be in use as STLs tho unlisted recently!

88 3	CMAG FM L	250	R Musical Nacional	Colón
	CMKM FM L	250	R Musical Nacional	Holguín
88 5	CMHB FM L	250	R Musical Nacional	Sancti Spiritus
88 9	CMCF FM L	250	R Rebelde	La Habana
89 3	CMAD FM L	250		Artemisa
	CMJB FM	250	R Musical Nacional	Camagüey
89 5	CMK 7	250		Santiago de Cuba
90 5	CMB 24	250		La Habana
90 7	CMHQ FM L	1000	Circuito CMQ	Santa Clara
91 7	CMQA FM L	1000	Circuito CMQ	Pinar del Río
92 15	CMBC FM	3000	R Progreso	La Habana
92 7	CMJV FM L	1000	Circuito CMQ	Ciego de Ávila
94 1	CMKB FM L	250	R Musical Nacional	Pt Boniato
94 5	CMJD FM L	250	R Musical Nacional	Ciego de Ávila
94 9	CMAG FM L	250	R Musical Nacional	San Cristóbal
95 3	CMHD FM L	250	R Musical Nacional	Santa Clara
95 5	CMGF FM L	250	R Rebelde	Matanzas
95 9	CMB 43	250		La Habana
96 7	CMQ FM L	1000	Circuito CMQ	La Habana
	CMKJ FM L	1000	Circuito CMQ	Holguín
97 3	CMJL FM L	1000	Circuito CMQ	Camagüey
97 7	CMKU FM L	1000	Circuito CMQ	Santiago de Cuba
99 3	CMKC FM L	250	Circuito Oriental de R	Santiago de Cuba
100 1			R Musical Nacional	La Habana
102 7	CMB 21L	250		La Habana
104 7	CMHI FM L	250	R Rebelde	Victoria de las Tunas
105 6			Reloj Nacional	La Habana
106 1	CMJ 21	250		Camagüey
106 9			R Enciclopedia	La Habana
107 7			R Enciclopedia	La Habana

Richard Wood provides some observations updating last month's updater. XHZM-92.5 Puebla Pue is now a Stereo station (not to be confused with Monterrey on the same frequency). And XEJB-96.4 Guadalajara Jal has standardized to 96.3; classical music. While Mexican studio-transmitter links are supposedly being moved to the 217 MHz band, some may linger in the 88-92 MHz band (such as 88.335 and 90.9 in México DF itself!) For this reason, we present another compilation from CIA listings as of March 1965 to aid your search for these weak but Dkable possibilities during intense summer Es openings. Do not try to use this list without comparison to more recent ones published in VUD, such as in May 1973:

FREQUENCY	CALL	POWER	SLOGAN	LOCATION
88 1	XEOM FM	75	R Coatzacoalcos	Coatzacoalcos, Ver
	XEDM FM		V del Pacífico	Hermosillo, Son
	XESU FM	50	V del Campo	Mexicali, B C N
	XETU FM	60	R Tampico	Tampico, Tams
	XEVH FM	60		Valle Hermoso, Tams
88 2	XEIR FM	50	R 960	Ci Obregón, Son
	XEEL FM	80	V del Noroeste	Culiacán, Sin
	XEAD FM	250		Guadalajara, Jal
	XEOFM	80		Matamoros, Tams
	XEPA FM	60	R Angelópolis	Puebla, Pue
	XEBX FM		Voz de la Región Carbonífera	
	XEDN FM	100	R Mexicano	Sabinas, Coah
	XEUX FM		Pregón de Occidente	Torreón, Coah
88 3	XEHO FM	60	R Fiesta	Tuxpán, Nay
	XECK FM	50	V del Guardian	Ci Obregón, Son
	XEMR FM			Durango, Dgo
88 4	XEBI FM	60	R Central	Monterrey, N L
	XERS FM	50	R 14	Aguascalientes, Ags
	XEDL FM	10	V de Sonora	Gómez Palacio, Dgo
	XERON	50	Onda 111	Hermosillo, Son.
	XEAX FM	80	Cadena Rdif Oaxaqueña	México, D F
	XEMU FM	50	La Radiodifusora Amiga	Oaxaca, Oax
88 5	XERP FM	75	R Madero	Piedras Negras, Coah
	XEZZ FM	50	Música de Fiesta	Ci Madero, Tams
88 6	XEKG FM	50	R Fortín	Tonala, Jal (st. Guad)
	XESG FM	75	R Alegría	Fortín de las Flores, Ver
88 7	XEOK FM	60		Mexicali, B C N
88 8	XEBJ FM	60	V de Tamaulipas	Monterrey N L
	XESS FM			Ci Victoria, Tams
88 9	XETM FM	1000		Ensenada, B C N
89 2	XEJT FM		R Ola	México, D F
89 3	XEAU FM	30	R Acuña	Tampico (Altamira), Tams
89 5	XEBS FM	60	R Sinfonola	Tijuana, B C N
89 6	XEFFM	50	La Voz Lationamericana	México, D F
	XEWV FM	75	En Buena Musica y Deportes	Ci Juárez, Chih
89 7	XEYC FM	50		Mexicali, B C N
90 0	XENV FM		R Alegría	Ci Juárez, Chih
90 1	XHNF FM	1000	R La Paz	Monterrey, N L
90 2	XEBH FM	50	El Heraldo de Sonora	La Paz, B C S
	XEDA FM		R 13	Hermosillo, Son
90 3	XENM FM	1000		México, D F
90 9	XHRFM	1000		México, D F
91 1	XENM FM	5000 ERP		México, D F
	XHCFM	1000		Mexicali, B C N
				Tijuana, B C N

television news

Compiled by Glenn Hauser, 620 N. Hus-band, Stillwater OK 74074. See previous VUD listings: August, p. 34;

October, p. 12; November, p. 35; February, p. 12. Paul D. Traska contributes all the news names this time. You can help reduce CCI problems by helping to expand and update these five listings. * means a correction to or change in a previous listing.

3 WISC *The Farm Hour (12 noon)	5 WHEN TV 5 News	10 KBIM *First Team News
4 WHBF Dateline	6 WJIM Six Star Edition(6)	12 WICU *Eleventh Hour
WDAF News 4	Six Star Final (11)	WENG Action News
WRC News 4	8 WROC ROC Nightly News	20 WUTR News Watch
5 WBAF Area 5 Texas News	WCHS *Evening News	27 WKOW The Wisconsin Report
14 Midnight News	10 WHBC Rochester Reports	35 WSEE In The News

WESTERN TV DX

June 1974

Dennis Park Smith
2237 1/2 Ceres Avenue
Chico, California 95926
Telephone 916 343-9424

Deadlines: 10th of each month

Tropo was insignificant during April, as only a little was reported. Early May activity seemed to show a bit of improvement, however. A bit of MS-type bursts was noted as well. The big activity was in Es. After falling off at the end of March, there was nothing until 14 April, with quite a bit after that, especially in late April. Then in early May it tapered off a little. It remains to be seen if the season holds up well after this good early start. Check each other's reports; similar programming noted on Mexican ID's may solve some unID's.

Es	Mar	28	Apr	3	14	15	16	17	19	20	21	22	23	24	25	26	27	28	29	30	May	1	2	3	4	5	6
Nr. reporters			2	1	3	3	3	2	1	1	2	1	1	5	3	4	4	5	6	3		3	1	2	1	1	
MUF at least			2	4	1073	888	953	3	4	3	905	2	5	6	4	4	949	6	1079	4	985	3	4	4	2		

Joseph A. Markewicz, CFS Alsask, Alsask, Saskatchewan SOL OAO (Mar - Apr) (MDT)

M16 tr 0300 CFCN- 4 Calgary Alta	30 tr 0010 CBKST 9 Stranraer Sask (s/off)
0310 CCI to CFCN8-2	Es 0014 KLEM- 3 Eureka CA 1040
22 tr 2000 unID 2 weak (CFCN8-2 off)	(strong CPQC1-3 CCI)
23 Mar to 22 Apr: in Winnipeg.	0040 KNXT 2 Los Angeles CA 1268
A23 tr 2200 CFCN-12 Hand Hills Alta 3434	0100 unID 2 (TV2 News slide)
24 Es 2000 unID 2	0113 unIDs 2 (two s/off: one w/SSB, other America the Beautiful[?])
26 Es 2030 unID 2	0115 KOAI 2 Flagstaff AZ (s/off) 1180
tr 2330 CFAC- 2 Calgary Alta(CFCN8-2 off)	0120 unIDs 3
28 Es 1235 unID 2	tr 0135 CPQC1-3 Stranraer Sask (s/off)
1530 unID 3	0140 CFCN8-2 Oyen Alta (s/off)
29 Es 0100 unID 2	(runs colour bar all morning)
tr 1430 KSMD- 2 Anaconda MT	0140 CFCN-12 Hand Hills Alta (s/off)
(briefly over CFCN8-2)	0145 CHAT1-4 Pivot Alta
Es 2100-0215 2-6 California, maybe FM	Es 1050 unID 2
but was at a friend's place then)	May2 Es 2020 unID 2 & 3

As far as I know CJAY-4 Brandon Man is still CJAY, not CKY even though they are // to CKY-7 all day. A Winnipeg company plans to buy KCND-12 ND with CRTC approval and change xmtr location to Starbuck, south of Winnipeg and become a Global station. Last year KCND-12 total revenue from USA was \$34,700; KCND's owners worry about this because application for a new TV station in Winnipeg would take their supporting Canadian revenue.

Steven Craig Wiseblood, 707 Loma Way, Santa Maria, California 93454 (3 Feb - 8 May) (PDT)

Equipment includes 17" Packard Bell B&W with rabbit ears antenna

F27 Es 2008 KNOP- 2 NPlatteNE(1clnx)0333 1138	28 Es 1016 unID 2 (s/on w/Latinmx) 0543
M28 Es 1911 KREM- 2 Spokane WA 4433 899	1117 unID 4 (Mex. soccer) 4444
A24 Es 1419 KTWO- 2 Casper WY 5544 928	1111 unID 5 (same as above) 0332
26 Es 2110 unID 2	1339 KNOP- 2 NorthPlatte NE 4433 1138
27 Es 0957 unID 2 (CBS "InTheNews")0333	1408 KDUH- 4 Hay Springs NE 4434W1040
1212 XHGH- 2 Chihuahua Chih 0324 948	1730 CBUT 2 Vancouver BC 3333 1000
1509-1645 2-5 unIDs	1736 unID 4 3243
1612 KREM- 2 Spokane WA 3333 899	29 Es 1130-1300 2-6 unIDs
1615 KDFW- 4 Dallas TX 3435N1349	1130 KOB - 4 Albuquerque NM 5544N 772
1624 WBAP- 5 Fort Worth TX 0533T1349	1131 KOMO- 4 Seattle WA 4533 879
1630 KTXL 5 Lubbock TX -432N1057	1159 KREX- 5 GrandJunctionCO 3534N 705
(MUF 94.9 @ 1639)	1215 KAID 2 Boise ID 4044N 643
1730 KMID- 2 Midland TX 5544 1066	(MUF 107.9 @ 1236)
1952 unID 2 MexSoccer(FUTBOIB)443	1420 KXLY- 4 Spokane WA 4434 899
2034 KTWO- 2 Casper WY 3432 928	1430 KREM- 2 Spokane WA 4522 899
2120 unID 4 Mex?(Engmovie/Sp subtitles)	5 Es 1430 KMID- 2 Midland TX 2542 1066

April 27 through 29 were magnificent with 7 solid hours of skip on 27th, 4 hours on 28th and at least 4 hours on 29th. MUF reached 107.9 @ 1236 on 29th. May has had only one day of Es so far although it nearly reached Ch. 2 almost every day since the 1st. Totals now at 37 with 31 by Es, and now have 13 states. I am still using rabbit ears although may have an outdoor antenna by mid-summer. 73's.

Jim Pizzi, 300 Park, Orcutt, California 93454 (17 Apr - 1 May) (PDT)

17 tr 0750 KGST 39 San Diego CA	(21)(tr)(2230)KQED 9 SanFrancisco CA 2342
0752 KPBS-15 San Diego CA	KGO - 7 SanFrancisco CA 2432
21 tr 2230 KMST 49 Monterey CA 3445	22 tr 2105 KOVR 13 Stockton CA 3024
KBHK 44 SanFrancisco CA 2335	2106 KTXL 40 Sacramento CA 3425

(22)(tr) 2106 KBHK 44 San Francisco CA 3325
 2107 K75?? 75 ? (of KQED 9) 1035
24 Es (MUF ch 6)
 1125 KDUH- 4 Hay Springs NE 4434
 1200 KOAA- 5 Pueblo CO 3333
 1200 KTVQ 2 Billings MT 3333
 1200 KXLF- 4 Butte MT 0322
 1230 KCY4 5 Ch. 5555
 1400 KWGN 2 Denver CO 0322
 1400 KTW- 2 Casper WY 3132

25 Es (MUF ch 4)
 1204 (tune-in)
 1230 KMID- 2 Midland TX 1234
 1401 KCKT 2 Great Bend KS 3034
 1409 KARD- 3 Wichita KS 3032

26 Es (MUF ch 2)
 1229 KTVQ 2 Billings MT 0332
 1230 KUTV 2 SaltLakeCity UT 1332
 1300 KTW- 2 Casper WY 4545

27 Es (MUF 92.3)
 1240 KREM- 2 WA ? (ABC Golf) T
 1615 KDFW- 4 Dallas TX 4434
 1617 KMID- 2 Midland TX 5555
 1800 KACB- 3 San Angelo TX ? 1031T
 (NBC "Bulletin" Ch.9, u/KEYT)
 1958 KDBC 4 El Paso TX 3433

Es was very prominent in April with 1 new logging and 4 new FM (see Western FM-DX).
 4/27 was one of the longest openings witnessed—almost 12 hours continuous. I hope the rest of the season holds up. Total TV logged is now 138, and FM is 206.

I'm going to change some of my antennas this coming month; I'll let you know how they work out. Best of DX.

Richard Noel Allen, RFD #1, Billings, Oklahoma 74630

(31 Mar - 3 May)

(CDT)

Receiver: Sony Trinitron model KV1212

Antennas: Archer 23-element VHF log & Archer 44-element UHF log.

31 tr 0730 WRBT 33 Baton Rouge LA N 550 21 Es (MUF ch 3)
 0750 KVRL 26 Houston TX 490 1350 unId 2 (Mexican Canal Dos)
 0755 KLTW 7 Tyler TX 320 24 MS 0546 WGR - 2 Buffalo NY 1080
 0800 KLN1-15 New Iberia/Laf. LA N 540 25 MS 0551 WGR - 2 Buffalo NY 1080
 0955 KTHV 11 Little Rock AR 195 28 tr 0625 KDFW- 4 Dallas TX 260
11 tr 2355 KLTW 7 Tyler TX 320 Es (MUF ch 2)
14 Es (MUF 102 MHz)
 1730 unId 2 (Mex: "Siempre en Domingo") 29 Es (MUF ch 4)
 1820 XEZ - 3 Zamorano Qro (as above) 1100 1955 WEDU 3 Tampa FL 1050
 (CCI: EE pgm w/ SS subtitles) 2030 CFAC- 2 Calgary Alta 1300
 1835 XEHL- 6 Guadalajara Jal N1140 M2 tr 2300 WFAA- 8 Dallas TX 260
 ("MrEd"; 1900 "Imágenes de Nuestro Mundo"; 2100 "Family Affair")
 1900 XEW - 2 ? (both seen T 2330 KVRL 26 Houston TX 490
 XHW - 2 ? until 2230) T 2340 KERA-13 Dallas TX 260
15 Es (MUF ch 2) 2341 KXII-12 Ardmore OK 165
 1735 XEW - 2 Mexico DF 1175 2 tr 2342 KTVT 11 Fort Worth TX 255
 (In all evening until 2245) 2343 KTEH-10 Ada OK 125
16 Es (MUF ch 3) 0005 KXTX-39 Dallas TX 260
 1735 CJIC- 2 Sault Saint Marie Ont 970 0015 KTBC- 7 Austin TX 420
 1755 KATC 3 Lafayette LA 540 0030 KTRK 13 Houston TX 490
 1800 KPRG- 2 Houston TX 490 0100 KPIC- 7 Lake Charles LA N 520
19 MS 0544 WGR - 2 Buffalo NY 1080 0101 KRAL- 6 Shreveport LA N 350
 0105 KTVV 36 Austin TX 420
 0120 KDFW- 3 Dallas TX 260
 0143 KTRK 13 Houston TX 490

My first year of TV DXing was completed on April 28. Totals: 174 stations, including 54 UHF and 14 translators. I live in an area not served by any UHF transmitters, though KOKH-25 can be received regularly with a faint signal. The installation of an UHF aerial and a rotator has resulted in the big increase of my DX totals. For those wishing to write me, my complete address is shown above. I wish to thank everyone who has helped me during my first year of TV DXing, especially Les Prus whose aid and advice made the difference. Good DX and 73s.

Glenn Hauser, 620 N. Husband, Stillwater, Oklahoma 74074 (6 Apr - 6 May) (CST)

14 Es 1558 XEW - 2 Mexico DF (28)(tr) 0759 KNOE- 8 Monroe LA
 (1643strong, song; Siempreen Domingo;
 1727 strong; 5kHz CCI w/XHW)
 (1832, MUF 107.3)
 1646 XEFB- 3 Monterrey NL ? T
 (1700 EE movie, believe subtitled)
 1656 XHTV 4 Mexico DF ? T
 (again 1740, 1727, 1922)
 1718 XEZ - 3 El Zamorano Qro
 (net-2; 1913still Siempre; 1815still) 29 Es
 1727 unId 6 (Spanish)
 1727 XHW - 2 Guadalajara Jal 1125
 (characteristic 5kHz CCI w/XEW)
 1931 XEHL- 6 Guadalajara Jal ? T
 (audio on FM; Guad FMs in)

15 Es 1714 XEW - 2 Mexico DF (to 2210)
 1857 XEZ - 3 El Zamorano Qro ? T

16 Es 0950 XEW - 2 Mexico DF (Televisa) 30 Es
 1520 WUNC- 4 Chapel Hill NC ? T M1 Es
 1658 WFBC- 4 Greenville SC N 800
 1658 WWAY 3 Wilmington NC
 1712 WSAV- 3 Savannah GA
 17 Es 0735 XEW - 2 Mexico DF (out by 0805)
 24 Es 2055 unId 3 (east)
 2056 unId 2 (20 CCI east)
 25 Es 1022 WTAR- 3 Norfolk VA (to 1159) N1140
 (1034 "CCI due to Atmos. Cond" slide)
 tr 2200 WHBQ-13 Memphis TN ? T
 2200 KNOE- 8 Monroe LA

26 Es 1319 XEW - 2 Mexico DF
 (CB:EE rock audio; f/down by 1330)

27 Es 1311 WFBC- 4 Greenville SC ? T
 1331 WWAY 3 Wilmington NC ? T
 tr 1727 KAIT 8 Jonesboro AR ? T
 2356 KNOE- 8 Monroe LA (s/off w/Id)
 28 tr 0645 WHBQ 13 Memphis TN ? T
 0740 KALB 5 Alexandria LA ? T
 0740 WABG 6 Greenwood MS ? T

0845 KTBS 3 Shreveport LA ? T
 0900 KSLA 12 Shreveport LA
 Es 1456 XEW - 2 Mexico DF (tune-in)
 1759 WPBT 2 Miami FL ? T
 1803 WEDU 3 Tampa FL
 1816 WTVJ 4 Miami FL ? T
 1816 WPTV 5 Palm Beach FL ? T
 1831 WESH- 2 Daytona Beach FL (agn1900)
 1700 unIds 2,3 (to 1721)
 1726 KBOI- 2 Boise ID (1730 lcl nx)
 1744 KID - 3 Idaho Falls ID (Id wx)
 1842 WPBT 2 Miami FL ? T
 1901 WEDU 3 Tampa FL
 1928 unId 2
 2159 KLEN- 2 Spokane (0004 still traces) N1310
 2309 KLEN- 3 Lewiston ID (WA) N1250
 0015 unId 3 (movie)
 1017 XEZ - 3 El Zamorano Qro
 1018 XEW - 2 Mexico DF (// 2)
 1632 unId 3 (e.s.e., briefly)
 2102 KERA-13 Dallas TX
 2128 KTRK-13 Houston TX
 2230 KDFW 4 Dallas TX 5555
 2230 WBAP- 5 Fort Worth TX
 2248 KLRN 9 Austin TX ? (FMs in) T
 2300 KPRC- 2 Houston TX
 2304 KWTX-10 Waco TX N 315
 2306 KTBC- 7 Austin TX N 405
 2335 KSAT-12 San Antonio TX N 475
 2349 KTAL 6 Vivian LA (0001 s/off)
 2349 KCEN- 6 Temple TX (0000 s/off) 335
 0001 KFDM 6 Beaumont TX ? T
 0004 KFLC- 7 L.ChasLA (s/off by YL) 460
 0004 XHAW 12 Monterrey NL ? T
 0022 KTXS 12 Sweetwater TX
 (0101s/off ment. xlttrs on 72,55,2)
 4 Es 1915 C(?) 2 north (Ice Hockey) agn2045

Pat Dyer, 5315 Silvertop Drive, San Antonio, Texas 78228 (8 Apr - 5 May) (CST)

Equipment: 1971 model 9-inch Penncrest black-and-white; with an Archer
 V-100 VHF and 8-bay bow-tie UHF array at 20 feet with rotor

7 tr 2347 KFDM- 6 TX 275 (16) Es 1145 WEDU 3 FL T 985 17 Es 0935-1030 2,3 unIds
 10 tr 0003 KRGV- 5 TX 225 WESH- 2 FL T1035 - vy spotty to n.e.
 11 tr 0935 KERA-13 TX T 250 1159 WDBO- 6 FL 1035 1300 YSR - 2 ElSal T1200
 KTVT 11 TX T 240 (MUF to 95.3)
 WFAA- 8 TX T 250 1259 WHBF- 4 IL T 940 19 Es 0940 WQAY- 4 WV T1150
 2359 KRGV- 5 TX 225 WKZO- 3 MI 1140 0950 WSJK- 2 TN 1010
 13 tr 0900 KHTV 39 TX T 195 1330 WTWO 2 IN 935 1000 WSAZ- 3 WV 1100
 KYRL 26 TX T 195 WBAY- 2 WI 1190 unIds 2,3 to apx1100f/out
 1929 KGBT- 4 TX 230 1430 WMAR- 2 MD 1410 20 Es 2040-2135 2,3 n.w.
 (aud. over local) WJFK- 2 MI 1225 2110 KID - 3 ID T1215
 14 Es 1535-2200 2-4,6 unIds 1500 KQTV 2 MO 750 21 Es 0935-1225 2-6 unIds
 (MUF to 88.9 @ 1853) 1505 KLINE- 3 NE T 785 (MUF to 90.5 @ 1143)
 1535 YSR - 2 ElSal T1200 1529 KTCA- 2 MN 1110 0959 WBBM- 2 IL 1045
 YSU - 4 " T1200 1558 WISC- 3 WI 1065 1032 WMT - 2 IA 945
 TGV - 3 Guat T1120 1600 KTVO 3 IA 835 1058 WISC- 3 WI 1065
 15 Es 1630-2145 2-6 unIds 1615 WOI - 4 IA T 910 1100 KMTV 3 NE 830
 (MUF to 88.8 @ 1910) 1725 WMT - 2 IA 945 1129 KQTV 2 MO 750
 1630 YSR - 2 ElSal 1200 KTVI 2 MO 790 1130 KTVO 3 MO 835
 1800 YSU - 4 " T1200 1729 KYTV 3 MO 615 1135 WDAF- 4 MO T 700
 1817 TGV - 3 Guat 1120 1758 WTWO 2 IN 935 1143 KHPL- 6 NE T 780
 16 Es 0820-0915 2-4 to n.e. 1800 f/out 1202 KTVS 3 CO 815
 1128 WYHS- 2 FL 1150 1950-2030 2-4 unIds 1210 KWGN 2 CO 810
 1135 WTVJ 4 FL T1150 1320 unId 2 north (ABC)

22 Es 1335-1405	2 unIds	(26)(tr) 2323 WAFB- 9 LA	450 (29)(Es) (MUF to 95.1 @ 1800)
1359 KUTV	2 UT	1080 27 tr 0030 KPLC- 7 LA	325 1808 WBAY 2 WI 1190
23 Es 1005-1030	2-4 unIds	Es 1405 unId 2 (brief)	1859 WSJK- 2 TN 1010
1005 KORK-	3 NV	2Es? 1628 KTVU 2 CA	N1460 1950 f/out
KNKT	2 CA	T1190	Oakland
1413 KGNB	4 CA	T1190	2Es? 1637 KRON- 4 CA
1430 KTWG	2 CO	810	T1470 30 Es 1010 KNXT 2 CA
1430 KTWG	2 WY	1015	(f/out 1035)
1450 KOA	4 CO	T 810	1740-2005 2-4 Span.
1459 KTVS	3 CO	815	1815 TGV - 3 Guat T1120
1513 unId	5		1900 YSR - 2 ElSal 1200
1529 KOTA-	3 SD	1040	YSU - 4 " T1200
1558 KYUS-	3 MT	N1230	28 Es 0829 KNBC 4 CA
	Miles City		1190 (Id over local)
1604 KDIX-	2 ND	1225	KORK- 3 NV 1050
1635 f/out			0839 KOAI 2 AZ 855
2045-2130	2,3 unIds		(MUF to 98.5 @ 0906)
spotty n. & n.w.			0928 KTVK 3 AZ 835
24 Es 0850 KMTV	3 NE	T 830	0929 KVVU 5 NV 1040
0859 KUSD-	2 SD	920	(Id over local)
0929 KUTV	2 UT	1080	1059 KNXT 2 CA 1190
KCPX-	4 UT	T1080	1110 f/out
1129 KQTV	2 MO	750	1335-1420 2,3 unIds
1229 KUTV	2 UT	1080	1359 KORK- 3 NV 1050
1310 f/out			1529 KOTA 3 SD 1040
2058 KTCB-	2 MN	1110	1545 unId 4
WCCO-	4 MN	T1110	1600 KTWG- 2 WY 1015
2110 WDAY-	6 ND	T1205	(still at 1730)
2129 KUSD-	2 SD	920	1620 unId 5
KDAL-	3 MN	1250	1745 f/out
2130 KDLO-	3 SD	1070	2 tr 0915 KSWO- 7 OK
2131 CBWFT	3 Man	1410	T 355
2140 unId	5		1743 KVRL 26 TX 195
2243 unId	2 Canadian		1807 WAFB- 9 LA T 450
2332 KOTA-	3 SD	1040	(Ø CCI KLRN)
25 Es 0025 f/out			1818 WRBT 33 LA T 450
1045-1140	2,3 unIds		2112 WAPT 16 MS T 525
vy spotty to n.e.			(Ø CCI KEDT)
1129 WJBK-	2 MI	1225	2113 KLFY-10 LA 395
1220-1245	2,3 n.w.		2120 KHTV 39 TX 195
tr 1259 KMID-	2 TX	275	2128 KPLC- 7 LA
1329 KOSA-	7 TX	280	2147 KLNI 15 LA
1559 KVRL	26 TX	195	2153 WBRZ 2 LA T 450
26 Es 1435-1500	2,3 to west		2230 KERA-13 TX 250
1459 KNXT	2 CA	T1190	2232 WFAA- 8 TX 250
(again 1600-1610)			2358 WBAP- 5 TX 240
1915-2015	2-4 Span, s.e.		3 tr 0810 WRBT 33 LA T 450
1915 XHY -3Mer.YucT	820		WJTV 12 MS T 525
2110 WGNW-26 LA	T 510		(Ø CCI KSAT-)
KVRL 26TX(ØCCI)	195		WMAU 17 MS T 470
2118 WBRZ	2 LA	450	0820 WAPT 16 MS T 525
KATC	3 LA	395	(Ø CCI KEDT)
KLKY-10 LA	295		WMAH 19 MS T 570
2142 KHTV	39 TX	195	Es 1612-1715 2,3 unIds
2155 WJTV	12MS(ØCCI)	T525	vy spotty to n.e. & e.
2259 KLNI-15 LA	395		1750 WPBT 2 FL T1150
WAPT 16 MS	525		2130 unIds 2,4 Spanish
WRBT 33 LA	450		4 Es 1615-1645 2,4 Spanish
			5 Es 1555-1640 2-4 Spanish
			(probably ElSal-Guat)

After what was an amazing April display of early-season Es, it has now gone into a rather striking slump for the first week of May.

Apr 27 loggings into northern California very nice; while in Bay Area in 1955-1957 tried to get, without luck, KCRA-TV several times. KTVU not yet on back then. 73. WA5IYX. (Pat's report goes to 8 May but not quite enough space. Finish next time... dps)

Best of DX to all

Dennis

EASTERN TVDX

Bill Thompson
1907 Seneca Street
Buffalo, NY 14210

June 1974

Deadline: 10th

We haven't analyzed DX conditions here since March, so let's go right to it. February was nothing special; as usual, it represented a low point for most Eastern DXers, and especially those in colder climates. There was some activity in the Northeast with tropo "up" around mid-February, and of course some ever-present Gulf tropo. Only one reporter saw Es during that month with openings confined to the 23rd and 26th noted and seen in Florida. Things picked up slightly in March with Es seen on the 2nd, 4th, 16th, and 26th with Floridians again watching most of the action. Reports received here so far for April show that the Es season is off to an early start indeed. April Es days at this point are the 14th, 15th, a great opening on the 16th (four have reported activity; it was a multi-cloud day with skip lasting past midnight EDT), the 21st, 25th (another good day with the WUF into FM), 27th, 28th, and 29th. Your editor and others have noted much activity in early May also. No significant tropo reported so far.

Attention TV DXers in PENNSYLVANIA, WEST VIRGINIA, KENTUCKY, TENNESSEE, LOUISIANA, MISSISSIPPI and ALABAMA: Beginning with the July VUD, you should send your reports to the CENTRAL TV-DX column. WTFDA's Board of Directors have decided to re-apportion the coverage of the EASTERN and CENTRAL TV-DX columns due to an imbalance in the number of regular reporters that has developed over the past few years. The switch will have the effect of making CENTRAL TV-DX more "central" and will hopefully even out the relative size of both columns. Additionally, the CENTRAL TV-DX column will be getting a new editor next month; so if you live in the affected area, send your reports from now on to:

Steve West 432 Kenmore Road Havertown, Pennsylvania 19083

DXers in the regular Central area are also urged to support their new editor! Thanks to those "regulars" in the affected states for their contributions to this column. If you live in the shifted area, please don't forget to support your new editor!

Jerry Pulice, WB2CPA 143 Gibson Avenue Staten Island, New York 10308

"Tropo to DC noted 3 April, to coastal VA and NC 28 April. Several short-lived Es sessions (no ID) already, looks like it's going to be a good year. My senior project took second prize in the local IEEE paper contest. It's a video processor that inserts new sync into DX video. It produces vertical sync by counting down the horizontal - very effective for MS and ignoring zero offset beats. Have bought Texas Instruments MS-175 microwave transistors and also some 900 MHz MOSFET's - will produce some great UHF preamps from this. Good DX (Congratulations on your IEEE prize, Jerry. If you're planning anything like the preamp you demonstrated at last year's convention, then you've got another winner. Those of you who aren't familiar with Jerry's preamps are best informed that his projects represent state-of-the-art standards -bt)

Jim Alexander 8 Court Knolle New Hartford, New York 13413 (EDT)

"No new ones at New Hartford this time...Over the Easter holidays I went on vacation, stayed at my Grandfather's house in Ft. Lauderdale, Fla. Part of my report is from Richmond Hill, GA, where we stayed on the way back. While in Florida I was lucky enough to see Ken Simon and Richard Clark. Had a great time and am glad I got to see them.

February

7 Tr 1930 CBOT-4 Ottawa Ont R0155
1945 CJOH-6 Deseronto Ont R0115

March

2 Tr 2100 CBMT-6 Montreal PQ R0180
7 0130 CBFT-2 Montreal R0180
13 1930 CJOH-6 Deseronto R0115

April

1 Tr 1900 CJOH-6 Deseronto R0115

At Richmond Hill, GA

18 Tr 2230 WCJB-20 Gainesville NO170
19 0730 (WTLV)-12 Jacksonville T

At New Hartford, NY

May

2 Tr 0700 CBOT-4 Ottawa Ont R0155
0700 CBOT-9 Ottawa R0155
1930 WROC-8 Rochester NY R0110
1200 CBMT-6 Montreal R0180

David J. Egan 12A Andrew Valleyfield, Quebec J6S 3B2 (EST)

April

16 Es 2217 KTEW-2 Tulsa OK R1345
 2225 KQTV-2 St Joseph MO R1125
 2227 KMTV-3 Omaha NE R1125
 2229 KARD-3 Wichita KS T1340
 2239 KCNO-5 Kansas City R1115
 2242 KMOX-4 St Louis MO R0945
 2246 WDAF-4 Kansas City R1115
 2309 KTVO-3 Ottumwa IA T0965
 17 Au 1210 WSYR-3 Syracuse NY R0175
 1218 CFCM-4 Quebec City R0180
 18 0208 WSYR-3 Syracuse NY R0175
 "no sign of it where I usually get it by tropo. 0215: fading on all chs. ...I was unable to ID any aurora. It was splashing in in strong amounts and would suddenly disappear. It was constantly moving from NNE to NNW making it very hard to keep up with."

21 Tr 0340 CKRM-13 Trois-Rivieres PQ R0250
 0344 WCVB-5 Boston MA R0180
 0408 CBVT-11 Quebec City R0180
 "I think they have a double or triple feature every Sat. nite, you guys in the East and Midwest might watch for them this summer"
 0440 WTIC-3 Hartford CT R0235
 "CB tp. Did they change call letters? I read they were going to."
 0443 WJAR-10 Providence RI R
 0509 WBZ-4 Boston MA R0250
 0514 WPRI-12 Providence R0270
 25 Es 1205 WJXT-4 Jacksonville R1110
 1225 WESH-2 Daytona Bch R1185
 1323 WRBL-3 Columbus GA R1135
 1324 WTVY-4 Dothan AL R1155
 1330 WWL-4 New Orleans R1385
 1330 KATC-3 Lafayette LA R1425

Bill Thompson 1907 Seneca Street Buffalo, New York 14210 (EDT)

March

8 Au 0245 unIDs on 2; vy noisy
 16 Es 2144 unIDs on 3 until 2200
 20 Au 1750 haah seen on 2 from NNE;
 auroral MUF about 91 MHz

April

15 Es hvy offset on 2; unID-3
 16 Es 1624-1700 unIDs on 3
 1837 KLINE-3 Lexington NE 4433T

16 Es 1858 KWGN-2 Denver CO 1041R
 1859 KOA-4 Denver 1041N
 1900 KTVS-3 Sterling CO 4533N
 2200 WRCB-3 Chattanooga TN N
 2229 WEMY-2 Greensboro NC N
 2231 WWAY-3 Wilmington NC R
 0004 KMTV-3 Omaha NE 4533N
 27 1520-1533 unIDs on 3

Tropo has been disappointing so far; last Spring much better. The early and frequent appearances of Es has made up for lack of tropo, and getting those ID's thru locals has prompted me to start thinking about setting up a phasing system a la Bob Cooper's December '73 VUD article.

John Combs 816 W. Harvard Orlando, Florida 32804 (EDT)

"Rather long report this month owing to quite consistent tropo and a couple of great Es openings. 20 new stations, 2 new states and 3 new countries were logged during April & Early May...8-bay UHF antenna up on the 6th--only 2004 mi on UHF now counted as DX except for WJCL-22 which is in with some sort of signal, frame bar or otherwise, at least 60% of the time."

April

2 Tr 0632 WJCL-22 Savannah GA R0245
 0652 WSAV-3 Savannah GA R0245
 3 0620 WRBL-3 Columbus GA R0340
 4 0647 WIS-10 Columbia SC R0390
 0648 WALB-10 Albany GA R0280
 8 0812 WACS-25 Dawson GA?? T
 0825 WDGO-15 Cochran GA?? T
 0902 WABW-14 Pelham GA?? T
 11 0622 WRBL-3 Columbus GA R0340
 14 2040 WFSU-11 Tallahassee FL R
 2050 WABW-14 Pelham GA N0245
 15 2004 WUSE-16 Tampa FL N0080

"my most frustrating UHF--finally"

16 Es 1612 KMTV-3 Omaha NE N1215
 1629 KUSD-2 Vermillion SDN1340
 1637 KTVO-3 Ottumwa IA(MO) N
 18 Tr 0652 WTVY-34 Ft Pierce FL N
 19 2325 WBEA-14 Allendale SC R
 21 Es 2052 YSU-4 San Salvador B.S. T
 25 1447 unID-2 on WESH
 1951 KDFW-4 Dallas?? T
 26 Tr 2300 WBEA-14 Allendale R0310
 2337 WOLO-25 Columbia SC R0390
 2340 WNOK-19 Columbia SC R0390

26 Tr 2342 WIS-10 Columbia SC R0390
 28 Es 1806 WKAQ-2 San Juan PR N1145
 1825 WAPA-4 San Juan PR R1145
 1855 WIPM-3 Mayaguez PR N1120
 1940 KFDX-3 Wichita Falls TX R
 1959 KTEW-2 Tulsa OK N1005
 2059 KTVO-3 Ottumwa IA(MO) R
 29 Tr 0555 WBTW-13 Florence SC N0420
 0558 WTVY-11 Durham NC N0545
 0626 WIS-10 Columbia SC R0390
 4Columbia U's after 0630
 0643 WJPM-33 Florence SC R0420
 Es 1656 HIRD-4 Santo Domingo D.R.
 1703 ICR6-2 Santiago de Cuba N
 1759 KPRC-2 Houston TX R0850
 "opening moves to west like last nite"
 1816 KIII-3 Corpus Christi R
 1838 KGBT-4 Harlingen TX R1030
 1846 KERE-3 Monterrey NL N1185
 1910 KDFW-4 Dallas TX N0970
 1919 KFDX-3 Wichita Falls R1085
 1925 KWAB-4 Big Spring TX R1245
 1928 KMDI-2 Midland TX R1265
 1933 WOAI-4 San Antonio R1045
 2000 KBTX-3 Bryan TX N0895

John Combs (continued)April

29 Es 2000 KACB-3 San Angelo TX N1165
30 Tr 0659 WLOS-13 Asheville NC N500

May

1 Tr 0648 WBBA-14 Allendale RO310
0656 WCWB-41 Macon GA RO325
0701 WYBA-38 Columbus GA RO340
1930 WFSU-11 Tallahassee RO220
2121 WABW-14 Pelham GA RO245
2201 WEAR-3 Pensacola FL?? T

Also frequent relogs of WJHG-7, WDTB-13, WALB-10, WTCC-11 throughout report.

Ken Simon 528 Pilgrim Road West Palm Beach, Florida 33405 (EDT)April

1 Tr 1711 WWAY-3 Wilmington NC 5555R
1735 ICR6-3 Santa Clara Cuba R
1735 ICR6-8 Holquin Cuba 2033R
1827 WTCC-11 Savannah GA 4444N
1857 ICR2-8 Santa Clara 3433R
1857 ICR2-13 Matanzas Cuba R
1900 ICR6-9 Matanzas 4444R
1900 ICR6-3 Santa Clara 3334R
1915 WJGT-7 Jacksonville 2021R
2000 WMFE-24 Orlando FL 2011R
2100 WRLK-35 Columbia SC 3021R
2135 WFTV-30 Atlanta GA 2015T
2222 WYAH-27 Portsmouth VA N
"best UHF so far" (780mi)

2 0655 WJXT-4, WLCY-10, WJKS-17
WJCL-22, WTVX-34; 2200 WSWB-35
3 0650 WBBH-20, WJKS-17
0655 WJHG-7 Panama City 3031R
0700 WAGA-8, WJXT-4, WLCY-10
0720 WQJB-20 Gainesville 4042R
0020 W69AA-69 Hollywood FL R
11 0645 WTVM-9 Columbus GA 4031N
14 1900 WSWB-35 Orlando FL 4444R
Es 1932 XEIV-2 Mexico City 4421R
1932 XHCV-3 Coatzacoalcas Ver
1948 XHD-4 Tampico Tams 0321R

"Hellava month for a non-summer period...with the April Fool's super-tropo and the end of the month Es, April turned out to be quite good. Richard Clark and I finally got my antenna guyed down so it doesn't wallow in the wind. Also Jim Alexander came by for a visit while he was in Fort Lauderdale. My wife isn't too thrilled with the prospects of upcoming Es but... life goes on...WILL TRADE TVG!!! AND KEEP THOSE 3 x 5 cards coming in for the TV QSL column!"

Bob Seybold Bennett Road Dunkirk, New York (EDT)

"Just a short report, only real DX here was April 25--good skip opening"

April

25 Es 1100-1400 "Cuba on 2 (CMA-2);" CMQ-6 WBRZ-2 WESH-2 WTHS-2 WDIQ-2
WBUN-3 WPTV-5 WCIX-6 WERG-5 WEAR-5 WTVJ-4 WFTT-5 WJXT-4 KATC-3 "and
others--FM good too. Some signs of E-skip up to 5-10 but very little
time to observe. (Same problem here, too -bt) Hope to be in full swing
of DX by next report. Only tropes CKGN-22 Windsor and CKGN-29, WUCM-19
WBYI-25 WKAR-23 & Detroit U's"

Harry J. Hayes 1418 W. Mount Royal Avenue Apt. 2 Baltimore, MD 21217

"I haven't been DX-ing here due to a combination of factors, a poor set-up, locals, lots of buildings and a low altitude as well as attitude. On 3-15 a surprise in that I experienced a UHF opening, the last thing I expected."

March

15 Tr 2100 WNJS-23 Camden NJ 3445N 15 Tr 2140 WTAF-29 Philadelphia 2422N
"A ch 45 spur caused CCI on ch 29."
"I missed all the mid-winter Es in January. Around May 10th I will be returning to Thornhurst PA to a better set up, no locals, no buildings, a high altitude as well as attitude."

2 Tr 0528 WERC-6 Birmingham AL N0475
0614 WMAE-13 Macon GA RO325
0616 WTCG-17 Atlanta GA RO405
0618 WXIA-11 Atlanta GA RO405
0620 WRDW-12 Augusta GA(SC) R
0622 WRBL-3 Columbus GA(AL) R
0630 WYBA-38 Columbus GA RO340
0647 WBBA-14 Allendale RO310
0650 WCWB-41 Macon GA RO325
0653 Columbia 19-25-35

14 Es 2029 KIII-3 Corpus C. TX 5444R
16 1930 WSyr-3 Syracuse NY 3033R
19 1930 WRCB-3 Chattanooga 4015N
28 Es 1604 YVVA-2 Caracas Venezuela
1628 YVVA-3??? "traces"
2028 KYTV-3 Springfield 4333R
2035 WDAF-4 Kansas City MO T
2048 KGLD-3 Mason City IA T
2109 KTVO-3 Ottumwa IA(MO) R
29 1757 WKAQ-2 San Juan PR 4421R
1757 WJPM-3 Mayaguez PR 4022R
1814 YSR-2 San Salvador E.S.
1820 KATC-3 Lafayette LA 4422R
1830 WOAI-4 San Antonio 5421R
1900 KPRC-2 Houston TX 4444R
1901 KRIS-6 Corpus Christi R
1906 KIII-3 Corpus Christi R
1935 XET-6 Monterrey NL 3121N
2020 XHY-3 Merida Yuc 4131R
30 0039 XEW-2 Mexico City DF R
0039 XEZ-3 or XHCV-3 (CANAL2)
"Glenn Hauser says probably XEZ-3"
1815 YVVA-2 Caracas Venezuela
1815 YSR-2 San Salvador E.S. T
1830 "heavy CCI over WTVJ-4"
1846 YVVA-3 Venezuela 4024R
1850 HOU34-4 Panama???? T

CENTRAL TV DX

Don Ruland
4448 68th Place
Kenosha, WI
53140

JUNE 1974 / DX from WI, IL, IN, MI, OH / Next deadline: See below

The period from mid-April to mid-May proved to be rather uneventful, with the exception of a nice E-skip opening on April 16 which brought double-hop reception to Paul Petoosky in the Upper Peninsula of Michigan. Bill Draeb also reports Es on 4-16, as well as some weak openings on 4-24, 4-25, 4-29, and a fairly strong session during the early evening hours of 5-12. Here's what's been seen this month:

Bill Draeb, Ellis St., R. R. 2, Kewaunee, WI 54216 (CDT)

4-12 Tr 1733 KDNL-30 St. Louis(432)	4-26 Tr 2100 same UHF xltra as 4-25
1955 WOSU-34 Columbus(395)	4-27 Tr 0733 W71AE LaSalle, IL
1955 Cleveland UHF's(355)	0807 Cincinnati U's(400)
LS 2020 Erie UHF's(405)	0807 Lexington U's(473)
Tr 2020 Dayton U's(368)	0807 WOSU-34 Columbus
LS 2037 WUTV-29 Buffalo(445)	1829 WOET-16 Dayton
4-13 Tr 2208 Cleveland U's	1829 WMUB-14 Oxford, OH
2208 KDNL-30 St. Louis	4-29 Es 1850 unID ch 2-3 from South
2208 WICS-20 Springfield	4-30 Tr 2010 WHMB-40 Indianapolis
LS 2208 WICD-15 Danville	5-2 Tr 1930 WHMB-40 Indianapolis
2208 WAND-17 Decatur	1930 WKY-32 Louisville
2208 Peoria U's	1930 KDNL-30 St. Louis
2208 KDNL-30 St. Louis	5-4 Tr 0750 Erie U's
4-15 Tr 0734 WOSU-34 Columbus	2000 WHMB-40 Indianapolis
1726 Dayton U's	5-8 Tr 1820 Cleveland U's
1726 WXIX-19 Cincinnati	1830 WOSU-34 Columbus
1927 KDNL-30 St. Louis	1830 Dayton U's
1940 Cleveland U's	1839 WJET-24 & WSEE-35 Erie
4-16 Es 1450 KPRC-2 Houston(1117)	1839 WHMB-40 Indianapolis
1450 KATC-3 Lafayette(1026)	5-9 Tr 0450 WHIO-7 Dayton
1701 WEDU-3 Tampa(1192)	0450 WBNS-10 Columbus
1840 WTVY-4 Dothan Tent.	MS 0505 WCBBS-2 New York(740)
1840 WTVJ-4 Miami(1362)	0508 WMAR-2 Baltimore(665)
1840 unID Spanish ch. 3	Tr 0519 CHLAT-3-9 Wawa, ONT T
4-17 Tr 0507 WDDO-10 Duluth	2116 WOSU-34 Columbus
4-22 Tr 1635 Dayton U's	5-11 Tr 2022 KDNL-30 St. Louis
1635 KDNL-30 St. Louis	2022 Cleveland U's
4-24 Es 1945 unID ch 2-3 from South	5-12 MS 0718 CBOT-4 Ottawa
4-25 Es 1200 unID ch 2-5 from South	Es 1805 KATC-3 Lafayette
Tr 1945 Dayton U's	1838 WWL-4 New Orleans
1945 WOSU-34 Columbus	1912 WDSU-6 New Orleans
1945 WKY-32 Louisville	1924 KALB-5 Alexandria
1945 WHMB-40 Indianapolis	1935 KLINE-3 Lexington, NE
1945 KDNL-30 St. Louis	1935 KUTV-2 Salt Lake City
1945 Fond du Lac UHF xltra	1935 KCPX-4 Salt Lake City
1945 Iron Mountain U xltra	1935 KOA-4 Denver Tent.
1945 Escanaba U xltra	1935 KID-3 Idaho Falls T
1945 W78AJ Sheboygan	2054 WMAB-2 State College, MS
1945 W83AN Stephenson, MN	

Paul E. Petoosky, Box 140, Munising, MI 49862 (EDT)

4-8 Tr 2205 WGTU-29 Traverse City	4-19 Tr 2300 WGTU-29 Traverse City
4-10 Au 2145 unID ch 2-6 from North	4-20 Au 0045 unID ch 2-11 from North
4-16 Tr 1830 WGTU-29 Traverse City(135)	Tr 0100 CBFST-3-12 Elliott Lake
Es 1835 KPRC-2 Houston(1250)	0105 CHLAT-3-9 Wawa(140)
1840 WBRZ-2 Baton Rouge(1130)	0105 CHLAT-4-11 Marathon(160)
Tr 2210 WPNE-38 Green Bay	0115 CHLAT-1-8 Manitowadge
Es 2325 WPMY-2 Greensboro(800)	0145 WJIM-6 Lansing(270)
2345 WCBH-2 Charleston(1010)	0200 WNEH-5 Bay City(240)
2Es 2400 WKAQ-2 San Juan, PR	0215 WTMJ-4 Milwaukee(235)
(2300 mi---longest DX)	0220 WKZO-3 Kalamazoo(290)
4-18 Au 2310 unID ch 2-6 from North	1005 WPNE-38 Green Bay(145)
4-19 Tr 1200 WWTW-9 Cadillac(160)	4-21 Tr 0225 WTMJ-4 Milwaukee

Petosky (continued)

4-21	Tr	0225	WITI-6 Milwaukee(235)	4-28	Tr	2115	WGTU-29 Traverse City
		0230	WHEN-5 Bay City(240)		Au	2240	unID ch 2-6 from North
	Au	0235	unID ch 2-6 from NW		Tr	2315	WNEM-5 Bay City
4-23	Tr	0025	WNEM-5 Bay City	4-29	Tr	2340	CELAT-1-8 Manitowadge
	Au	0045	unID ch 2-6 from N			2340	CELAT-3-9 Wawa
	Tr	0120	WTMJ-4 Milwaukee			2340	CELAT-4-11 Marathon
4-25	Tr	0015	WPNE-36 Green Bay	5-2	Tr	0030	WGTU-29 Traverse City
		0020	WGTU-29 Traverse City			0030	CELAT-1-8 Manitowadge
		0100	CELAT-3-9 Wawa(140)			0030	CELAT-3-9 Wawa
		0100	CELAT-4-11 Marathon(160)			0030	CELAT-4-11 Marathon
		0125	WTMJ-4 Milwaukee	5-2	Au	0035	unID ch 2-6 from North
		0145	WMT-2 Cedar Rapids(400)	5-3	Tr	2400	WGTU-29 Traverse City
		0150	WITI-6 Milwaukee	5-7	Tr	2145	CELAT-1-8 Manitowadge
		1830	WGTU-29 Traverse City			2145	CELAT-3-9 Wawa
		2345	WPNE-36 Green Bay(145)			2145	CELAT-4-11 Marathon
		2350	CELAT-1-8 Manitowadge			2200	CBFOT-2-7 Hearst, ONT(265)
4-27	Tr	0100	WGTU-29 Traverse City			2300	CHFD-4 Thunder Bay(185)
4-28	Tr	2100	CELAT-1-8 Manitowadge			2315	CELAT-13 Geraldton(229)
		2100	CELAT-3-9 Wawa	5-8	Tr	0010	WGTU-29 Traverse City
		2100	CELAT-4-11 Marathon			0030	CKPR-2 Thunder Bay
		2120	WWTW-9 Cadillac(160)			2100	WPNE-36 Green Bay

Don Ruland, 4448 68th Place, Kenosha, WI 53140 (CDF)

4-25	Tr	0530	WKRC-12 Cincinnati	4-27	Tr	0800	WOSU-34 Columbus(320)
		0530	WXIX-19 Cincinnati(300)	5-2	Tr	0700	WOSU-34 Columbus
4-27	Tr	0720	WXIX-19 Cincinnati			0700	WHIZ-18 Zanesville(360)
		0728	WCET-48 Cincinnati			0710	WKBN-27 Youngstown(380)
		0730	WNUB-14 Oxford(270)			0710	WYTV-33 Youngstown

As mentioned in the Publisher's Notes this month, this will be my last Central TV DX column. My sincere thanks and appreciation to all club members who have supported this column in the past.

Beginning next month (July), Steve West takes over the reins of an expanded Central TV DX Column. In addition to the five states that currently report to this column, reports from Pennsylvania, West Virginia, Kentucky, Tennessee, Louisiana, Mississippi, and Alabama should be sent to Steve. These additional seven states previously reported to the Eastern TV DX Column....with this change, the balance between Eastern and Central will be more equitable.

Let's all welcome Steve royally, by sending him a TV DX report (deadline: June 12th). Here's the address:

Steve West
432 Kenmore Road
Havertown, PA
19083

WESTERN FM DX

EDITOR: ROGER S. HORIE
P.O. BOX 784
MISSOULA, MT 59801
TEL: (406) 549-5365
DEADLINE: 10th MONTHLY

Glenn Hauser, 620 N. Husband, Stillwater, OK 74074 (14 April - 3 May) (CST)

14 Es 1726 KHRA 89.1 Guadalajara Jal, MOR; 26 Tr
EL o/KMUW; \$ full ID, ABC-I nx;
ad for Impulsa, Corona R;
1751 XHM 88.9 México DF, ID, "Un Oasis
en FM--la voz y el sonido de nuestro
tiempo", MOR; mono 28
1756 XEDA 90.5 México DF, "Imagen" single
word ID by child, not \$
1757 XERED 88.335 México DF, Cerveceria
Mocetuma ad, Red Nacional-cadena de mi-
croondas for beisbol, freq measured
1816 XEBS 89.7 México DF, EL, YL annt
bad GRM de KSPI/KOSU
1819 XHQB 91.3 México DF, SS ad in 1130
KOSU SB; Observatorio timesignal,
possible R. Reloj alogan, no trace on
9.555 kHz
1825 XHSH 95.30 México DF, R. 1130
Amistad ID w/ address Balderas 32
1828 XEW 96.9 México DF, rock-mono 1130 1 Gw
1829 XHPOP 99.3 México DF, EL \$ 1130
Nashua Copiadoras ad, ID, "Música
Felis" R
1830 XHMM 100.1 México, DF, "Maranatha,
100 punto 1 mHz", "La Doble M--la FM
de Mexico", some distortion
1831 XEX 101.7 México DF, \$, SS ID 1130
EE PSA, "102 XEX" jingle in EE, nx
1831 XHV 102.5 México DF, \$, upbeat, 1130
(see XHV logging below)
1832 XHDFM 106.5 México DF, SS mx 1130
vocal mono into \$; Mexican mx;
\$ Insurgentes y Chapultepec addr; in-
complete ID, mention Zona Rosa
1832 XEQR 107.3 México DF SSad 1130
1834 XHST 104.9 México DF \$ EL 1130
1834 XBOY 100.9 México DF SS upbeat 1130
1837 XELA 98.5 México DF mono cl 1130
1842 XERC 97.70 México DF rock 1130
1853 XHV 102.5 México DF EE jingle 1130
ID, "102.5 FM Stereo Rey" 2
1937 XHRO 95.5 Guadalajara Jal 1105
\$ Gypsy Rose o/u/KWEN
1937 XEBA 97.1 Guadalajara Jal \$MOR 1105
1938 XETIA 97.9 Guadalajara Jal 1105
\$ upbeat SS, Financiero del Norte ad,
IS as "Fórmula Melódica: Música para
Enamorados", SS play by play--BB
1943 XHMA 101.1 Guadalajara Jal, 1105
upbeat Mission Impossible theme,
ad, Loteria 5 de Mayo

0010 KRLY 93.7 TX Houston, ID o/KISR 450
0015 KPFT 90.1 TX Houston, acid, weak
0016 KIRK 95.7 TX Houston, ID
0024 KDTX 102.9 TX Dallas "Night Flight"
news promo
0740 KIMP 100.7 TX Mount Pleasant, ID
0805 KELD 103.1 AR El Dorado, NBC 320
news, mx segue, Bible Story presented
by Howard's News Stand, 406 E. Main
0834 WBAQ 97.9 MS Greenville, 385
local furniture ad
0842 WKNO 91.1 TN Memphis, cl, 395
0914 KMYO 95.7 AR Little Rock, EL \$
0916 KWDG 96.7 OK Idabel, ID, VA PSA200
0927 KYEA 98.3 LA West Monroe, soul 370
0932 KRLL 99.3 AR El Dorado, oldies, 320
automated ancr; Melody Mart ad
0944 KFMV 107.9 AR Magnolia gospel pgm
0947 WKYV 106.7 MS Vicksburg, ID, wx
2318 Kvro 104.95x OK Stillwater,
off freq; nominal 105.5;
0730 KLOQ 106.1 KS Sterling, ex-105.5160
switch made 20 Mar; Welch Ford Country,
ID as "\$ Radio KLOQ with translator
service to the Great Bend and Ellsworth
areas"; ex-Lyons KS
0701 KXXX 105.5 OK Chickasha, nx 90
only 2 more OK FM's needed to complete
state, (gud luck!-ed)
2230 All available Dallas-Forth Worths
in solid such as...
2244 KOAX 105.3 TX Dallas, clear
against Kvro-105.5
2247 KNRO 106.9 TX Conroe, rock, ID
2305 KUT 90.7 TX Austin, mono, jazz 405
2305 KPFT 90.1 TX Houston, \$ phoner
from Berkeley,
2313 KUHF 88.7 TX Houston, jazz
2325 KWIC 107.7 TX Beaumont, ads,
"KWIC FM 108, The Real Radio Station"
0015 KGAW 93.3 TX Port Arthur, Texas 465
State Tech ad, ID
0021 KRLY 93.7 TX Houston, ID
0103 KIKK 95.7 TX Houston, C&W
0106 KHCB 105.7 TX Houston, 450
church ad, in Pasadena.

Jim Pissi, 300 Park, Orcutt, California 93454 (17 Apr - 1 May) (PDT)

27 Es 2055 unID 92.3 rock mx, MUF 92.3 29 Es 1230 KANW 89.1 NM Albuquerque
29 Es 1153 KNFM 92.3 TX Midland 1230 KGNC 97.9 TX Amarillo
1200 KRVM 91.9 OR Eugene 1234 KLDG 95.7 NM Hobbs
1223 KRWC 90.7 NM Las Cruces 1241 KMTY 99.1 NM Clovis

New loggings are underlined. Present FM log is 206 stations.

Pat Dyer, 5315 Silvertip Drive, San Antonio, TX 78228 (13 Apr - 3 May) (CST)
 Hallicrafters SX-62 with International Crystal SAX-1 preamplifier; Allied 426; Archer
 V-100 antenna at 20 feet with rotor...

13 Tr 2103 KQXX 98.5 TX McAllen, R. 98 ID 215 27 0005 WKXI 94.7 ME, Jackson, ID, rock 525
 2115 KHOK 95.3 Tampico Tamp, EL MOR 500 0059 KLGL-FM 99.5 LA Lake Charles 325
 14 Es 1605 spotty 88 Spanish Es in and out for 1D, EL
 for almost an hour 0130 KSCS 96.3 TX Fort Worth, c&w, ID 240
 1707 R. Fabulosa, 88.8 Guatemala City, 0138 KAFM 92.5 TX Dallas, rock, ID 250
 Guatemala, ID 1120 28 1823 looking for Es but only finding Tr
 1740 Radio America (Cadena Nacional) KAMC 94.9 TX Arlington, ID 245
 88.7 Tegucigalpa, Honduras, ID 1250 29 Ch 6 Es in several times but FM spotty
 1853 XHM-FM 88.9 Mexico DF, EL 690 1728 89.3 definite Es
 ID as "Un Oasis en FM" 1759 WJAX-FM 95.1 FL Jacksonville 1015
 1900 FM Es f/out EL, ID
 15 1818 brief 88.8 or 88.7 Spanish 1801 WJCT-FM 89.9 FL Jacksonville 1015
 1841 R. America 88.7 Tegucigalpa, Hon- cx mx, ID \$90
 duras, full ID's FM f/out apx 1840
 1910 tent. R. Fabulosa, 88.8 Guatemala 1 a short but productive Es opening
 City, Guatemala, in/out for 35 min. 0855 KILA 95.5 NV Henderson, rel pgm 1040
 2035 low 88 rapid f/in and out local news
 16 Es 1145 tent WMCU 89.7 FL Miami 1150 0858 KORK-FM 97.1 NV Las Vegas, area 1050
 1145 tent WINZ-FM 94.9 FL Miami 1150 news, ID, EL
 1201 WTLN-FM 95.3 FL Apopka, ID 1040 0904 KVEG-FM 92.3 NV Las Vegas, ABG-I1050
 1210 tent WDBO-FM 92.3 FL Orlando 1035 news, ID, MoR
 1250-1301 brief 89.5 & 89.1 unID MI-? 0906 KLUC-FM 98.5 NV Las Vegas local 1050
 1617 Es starts up with 89.3 FSA, rock
 1622 tent KHKE-FM 88.1 IA cedar Falls 0913 KLVN 94.1 NV Henderson, local ad1040
 with sports for Iowa spotty by 0920 and f/out 0925
 1625 tent WFNE-FM 89.3 WI Green Bay1190 2 2205 KBPO 94.1 TX Beaumont, ID, EL 275
 1628 tent WDAI 94.7 IL Chicago rock1045 3 0011 KSCS 96.3 TX Fort Worth, c&w, ID 240
 1646 WONG 89.1 IL Naperville, PSA-1d1030 0100 KTAI-FM 98.1 TX Texarkana ID c&w 380
 1655 WJVM 94.3 IL Sterling, ad 985 0200 KBJH 98.5 OK Tulsa, rel pgm, ID 485
 1659 WHA-FM 88.7 WI Madison, ID 1065 0205 KEEB-FM 94.7 OK Oklahoma City 420
 1708 tent WNIU 89.5 IL DeKalb 1020 ID, c&w
 soon all very spotty and last FM 0302 KMXI 97.1 TX Fort Worth, EL, ID 240
 f/out apx 1723
 21 1143 brief Es, tent KXCV 90.5 MO 780
 Marysville
 26 Tr 2134 WAFB-FM 98.1 IA Baton Rouge 450
 MoR, ID
 2331 KTAI-FM 98.1 TX texarkana, c&w 380
 KCMC am ID
 2358 KBPO 94.1 TX Beaumont, EL, ID 275

Steven C. Wiseblood, 707 Loma Way, Santa Maria, CA 93494 (1 Apr - 3 May)
 Symphonic Stereo Receiver; Pioneer SM-Q300B rx; FM 4G @ 10 ft; Finco model 65-7 booster
 12 Tr 1100 San Diego-Tijuana in strong 29 Es 1214 KQIP 96.9 TX Odessa, \$ EL 1052
 1128 XHERS 104.5 BC Tijuana & Soul, 245
 FM 104, (EL)
 1920 XETRA 91.3 BC Tijuana, EL 245
 17 Tr 1555 XHRM 92.5 BC Tijuana, SS, 245
 \$ Latin mx, "Radio Moderna-50 kw"
 27 Es 1625 KAFM 92.5 TX Dallas, RR\$ 1349
 1635 KGAF 94.5 TX Gainesville, c&w 1319
 mono; PSA-Cooke Co. Cancer Crusade
 1639 KAMC 94.9 TX Arlington, \$RR 1339
 29 Es 1135 KUOW 94.9 WA Seattle, \$ abt bis 879
 1142 KTOY 91.7 WA Tacoma, ski rpt 864
 1149 KPBC 90.9 WA Tacoma, YL dj, 864
 mainly top 20 hit mx
 1200 KRWG 90.7 NM Las Cruces, \$ 800
 electronic mx
 1203 KTEP 88.5 TX El Paso \$ cl, -tent-
 1207 KNFM 92.3 TX Midland, \$ Popular1066
 "Of Mice & Men" playing @ Midland
 Community Theater
 1209 XHPX 93.7 Ciudad Juarez, Latin mx
 1211 KSET 94.7 TX El Paso, Tent. \$ EL

After what was the best month of April Es
 I've seen (FM and TV) the first week of
 May has been a very pronounced slump here.
 April trop didn't appear as well as in
 past years (due, in part, to frequent
 cold front passages). By next time we'll
 know just how solid of an Es season this
 will be. 73-pat

This is my first FM DX report, but I
 have been DXing the FM band since 1971.
 The skip on April 27 & 29 came totally
 unexpected, especially since last year
 I did not find any Es on FM until May
 26. My FM totals are now 139; 24 by Es,
 & have 12 TPUnits. Farthest Tr, Angwin, CA



VHF UTILITY DX

Pat Dyer
5315 Silvertip Drive
San Antonio, TX 78228
Deadline: 12th of month

JUNE 1974

Glenn Hauser, c/o Radio Station KUSU-FM, Oklahoma State University, Stillwater, OK 74074 - Astronaut 6 with 100' long wire antenna; GMT

4-16: 2141, KQC 884 35 + Detroit, MI (A2 pager)
2234, KGA 805 35 + Pittsburgh, PA (A2 pager)
2241, KKG 561 35 + (first number uncertain) (A2 pager)

Hank Holbrook, 7211 Chestnut St., Chevy Chase, MD 20015 QSLed; GMT

1-1: 2030, KAD 417 37.10 Audubon, IA (sheriff; 100 watts)
2031, KAB 229 37.10 Boone, IA (police; 180 watts)
2054, KAD 482 37.10 Toledo, IA (sheriff; 180 watts)
2: 2020, KIF 650 35.58 Birmingham, AL (Airsignal International, Inc.; A2 pager; 216 watts)
2044, KKB 953 37.18 Liberty, TX (sheriff; 250 watts)

Thomas J. Yingling, Jr., 221 Pinewood Road, Baltimore, MD 21222
Electra Bearcat 3, Lafayette PP-300; 1-wave Mon-8 ground plane,
Hy-Gain beam (140-176 MHz) and Hy-Gain 1/2-wave CB whip @ 17'

2-12: 1330, KUV 669 37.20 Bel Air, MD (sheriff; QSLed)
13: 1800, KGA 361 33.86 District Heights, MD (county fire; QSLed)
1900, KGC 629 46.46 White Marsh, MD (county fire; QSLed)
3-4: 1830, KIA 385 37.26 Dyersburg, TN (sheriff; QSLed)
KIJ 233 37.26 Ripley, TN (sheriff; QSLed)
24: 0230, KLU 464 45.18 York, PA (sheriff; QSLed)
4-1: 1730, KGA 611 154.19 Washington, DC (fire; QSLed)
1900, KGA 241 155.64 Gaithersburg, MD (county police; QSLed)
8: 2030, KIC 367 42.86 Culpeper, VA (state police; QSLed)
16: (1600 to 2030)
KAB 607 39.46 Chester County Sheriff (IL)
KAA 585 37.10 Marshalltown, IA (sheriff)
KAM 799 37.10 Burlington, IA (sheriff)
KAB 453 37.10 Bedford, IA (sheriff)
KAD 821 37.10 Cherokee, IA (sheriff)
KAC 359 37.10 Winterset, IA (sheriff)
KAA 947 37.10 Centerville, IA (police)
KAA 201 42.06 Jefferson, MO (state police)
KAA 202 42.06 Lees Summit, MO (state police)
KAA 474 37.10 Washington County, IA (sheriff)
KAP 962 39.46 Stockton Village, IL (point-to-point)
KSA 774 39.46 Sterling, IL (state police)
KPM 399 39.46 Nashville, IL (sheriff)
KSD 603 39.46 Sandwich, IL (sheriff)
KAD 808 39.46 Hiawatha, KS (sheriff)
KBQ 210 39.46 Horton, KS (sheriff)
KEC 250 39.46 Seneca County Sheriff, NY
KKA 238 42.02 Hattiesburg, MS (state police)
KIB 481 45.06 Fort Myers, FL (highway patrol)
KIB 482 45.06 West Palm Beach, FL (highway patrol)
KIM 776 45.06 Ft. Lauderdale, FL (highway patrol)
KIB 478 45.06 Tallahassee, FL (highway patrol)
KID 533 45.06 Marathon, FL (highway patrol)
KAB 607 37.10 Guthrie Center, IA (sheriff)
KAB 574 37.10 Marengo, IA (sheriff)
KAE 698 37.10 Pocahontas, IA (sheriff)
KLK 747 42.02 De Kalb County, GA (state police)
18: 1800, KSO 592 37.10 Washington, DC (local government)
1830, KGA 814 45.02 Bellefonte, DE (state police)
1845, KGA 815 45.02 New Castle, DE (state police)
1900, KGD 260 46.18 Elkton, MD (county fire)

18. 1930, KDN 934 46.18 Biglerville, PA (county fire)
 1947, KTK 634 46.18 Gettysburg, PA (county fire)
 19. 0400, KKSZ 223 155.685 Lancaster, PA (county, QSLed)

Now, my loggings. Hallicrafters SX-62 with two 30' wires at 12' (nw-se and ne-sw runs); all are Es unless noted (* F2, with peak MUF noted if over 30 MHz; ** F2 backscatter, usually unID peak noted when higher than direct MUF only); GMT used; new underlined (Sp-Spanish)

4-13. 2030, 38.86 Sp *	24. 1628, KAA 522	3. 1945, 37.00 Sp *
2222, KKI 445 **	1631, KAA 958	2105, KQC 877
14. 1850, 38.50 Sp *	1745, KAG 793	2117, KFJ 891
15. 2110, 37.00 *	1929, Los Ang	4. 1701, KAA 606
2219, KQD 313	1934, KQD 313	1702, KMA 829
2223, KQC 877	1950, KME 438	1709, KFL 943
16. 0616, KMA 829	1954, KUA 772	1805, KLN 402
1420, KKSJ 815	2040, L Beach	6. 0450, KME 438
1650, KIQ 999	2137, KDN 407	2018, 37.00 Sp *
1659, KIE 953	2300, KLF 527 *	2245, KFL 943
17. 1608, KDN 402	2318, 36.25 Sp *	2345, KMA 829
2155, 37.00 Sp *	25. 0131, KQD 607	7. 0116, KQC 884
1830, 38.50 Sp *	0132, KMA 829	0125, KME 438
19. 1626, KQD 607	0240, KFJ 891	0128, KKSJ 815
1635, KKSJ 815	1548, KQD 609	0345, OK City
1636, KQD 600	1612, KKSJ 815	0349, KAA 606
1640, KFJ 891	1818, KME 438	0704, KFL 943
1744, KQC 884	26. 0208, KFL 943	1615, Los Ang
2045, 40.00 Sp *	0649, KME 438	1838, 44.57 *
20. 2035, 40.00 *	1539, KMA 829	8. 2037, 46.30 *
21. 1548, KSA 566	1952, L Beach	2103, KMA 829
1625, KSA 775	27. 1802, KMA 829	2112, Los Ang
1828, KSB 230	1820, KME 438	2154, KME 438
1847, KMA 829	2205, KFL 943	2214, KMD 309
1913, OK City	2219, KMD 349	2249, KFL 943
2010, KDN 402	29. 0605, KQD 600	9. 0000, Los Ang
2144, 37.00 Sp *	30. 1552, KME 438	1953, 46.75 *
2224, KKI 445 **	1557, L Beach	2258, L Beach
2331, KMA 829 **	1614, KMA 829	10. 1625, KFL 943
22. 1636, KMA 829	1930, 35.28 Sp *	1738, L Beach
1930, 31.22 *	5-1. 0405, KFL 943	1747, KMD 349
23. 1641, L Beach	0444, KAA 606	1750, KME 438
1651, KME 438	0650, KME 438	1835, 38.50 *
2000, KDN 407	2. 0110, 35.58 **	2215, KKKJ 460 **
2004, KAA 606	0145, KLF 527, *2242	
2025, 35.28 Sp *	2127, 36.90 Sp *	11. 1427, KAA 606
24. 0250, KFL 943	2231, KMA 829	1547, KMA 829
0401, KMA 829	2235, KME 438	1950, 37.00 *
0435, KMD 349	3. 0151, KFL 943	12. 0245, KMA 829
1616, KAA 201	1818, KMA 829	

KAA 201 42.06	Macon, MO-sp	KME 438 35.22	Orange, CA
KAA 522 42.06	Willow Spgs, MO-sp	KQC 877 35 +	Cincinnati, OH
KAA 958 42.06	Rolla, MO-sp	KQC 884 35 +	Detroit, MI
KAG 793 42.54	Belmond, IA-sp	KQD 313 35.50	Dayton, OH
KAA 606 35.58	Denver, CO	KQD 600 35.22	Mansfield, OH
KLN 402 35.54	Omaha, NE	KQD 607 35.50	Grand Rapids, MI
KDN 407 35.22	Col Spgs, CO	KQD 609 35.22	Lansing, MI
KFJ 891 35 +	Columbus, OH	KSA 566 42.42	Chesterton, IN-sp
KFL 943 35.58	Las Vegas, NM or NV	KSA 775 42 +	Macomb, IL-sp
KIE 953 35.58	Atlanta, GA	KSB 230 42.52	Joliet, IL-sp
KIQ 999 35.34	Mobile, AL	KSJ 815 35.22	Fort Wayne, IN
KKI 445 35.58	Houston, TX	KUA 772 42.42	Indianapolis, IN-sp
KKJ 460 35.22	Fort Worth, TX	- 35.58	Long Beach, CA
KLF 527 35.22	Honolulu, HI	- 35.38/.46	Los Angeles, CA-mp
KMA 829 35.58	San Diego, CA	- 35.58	OK City, OK
KMD 309 43.58	Los Angeles, CA		
KMD 349 35.58	Bakersfield, CA	73, Pat	WA5IYX

FM QSL CORNER

Greg Kelley-
108 Archer Street
Staunton, Va. 24401

- Maine Orono WMEH 90.9-verified by ltr.v/s Edward E. Winchester, Dir, Eng.
- Michigan Adrain WLEN 103.9-verified by ltr.v/s Richard Lackie mgr.
- Alpena WHSB 107.7-verified on office memo paper. stationary was used for WHAK-AM Rogers City, and was assigned by Harvey Klann, position unknown.
- Ann Harbor WPAG 107.1-verified by ltr.v/s John Holt, CE.
- Charlotte WCER 92.7-verified with long ltr.v/s David W. Huva CE. states mine is one of most distant reports received. Mentions also report from Al Ellis (WTFDA member) same day.
- Gaylord WWRM 106.7-verified by ltr and cm. v/s John D. DeGroot, Pres. and G.Mgr.
- Mount Pleasant WCMU 89.5 verified by ltr.v/s Paul Baumgartner, CE., states WCMU us 3rd public-owned station in the US to broadcast 24 hours a day.
- Muskegon WQWQ 104.5-verified with 2-page form ltr. v/s Jack Maciejewski, Tech dir.
- Saginaw WBSB 106.3-verified by ltr.v/s Clifford Graeff, Engr.
- Saint Joseph WSJM 107.1-verified by ltr, enclosed cm and a business card. v/s Noel M. Moss, CE.
- Mississippi Biloxi WVMJ 93.7-verified by f-ltr.v/s Robert L. Thornton, CE.
- Greenville WBAQ 97.9-verified with ~~long~~ short ltr. V/S Percy L. Kuhn, CE.
- Jackson WKXI 94.7-verified with vy long ltr.v/s J. Alex Bowab, Pres., who states he is a DXer himself and has done some VHF DX'ing also. Asks me to inform WTFDA that he welcomes DX reports. In a later ltr he also sends extra station station literature.
- Meridian WDAL 101.3-verified with ltr.v/s V.D. McCartney. (handwriting illegible).
- Missouri Hannibal KGRC 92.9-verified with ltr.v/s Karl E. Holtmeyer, CE.
- This is the only MS reception I have verified.
- Montana Billings KOYN 93.3-verified with ltr.v/s Dick Rasky, CE.
- Glendive KIVE 96.5-verified with ltr.v/s Dennis Howard, CE.
- States that they received another report of reception the same day from Baton Rouge. (maybe Richard Wood ?)
- Nebraska Columbus KTTT 93.5-verified with short ltr.v/s Joe Stavas, Mgr.
- New York Buffalo WGRQ 96.9-verified with QSL card, but is different from former "WGR" card. v/s Harold A. Higgins, CE.
- Jamestown WWSE 93.3-verified with ltr on "WJTN" stationary. v/s H.F. Niklaus, CE. ltr mentioned EHAAT drop power boost and addition of vertical polarization accompanying call letter change from WJTN.
- Utica WRUN 104.3-verified with f-ltr used for AM & FM, (with FM indicated). v/s Gary N. Arpin.
- North Dakota Jamestown KSJM 93.3-verified with ltr.v/s Harvey G. Van Erem, CE., States: "...way over half the reports are on Heathkit."
- OHIO Akron WAEZ 97.5-verified with QSL card used for WAKR, with WAEZ indicated below. v/s Irv. Knopp, Cop.
- Alliance WRMU 91.1-verified with ltr, enclosed copies of prog. log pages, prgm sch. v/s Charles R. Morfield, S. Dir.
- Ashtabula WREO 97.1 verified with f-ltr, some tech. data. v/s Frank Bernato, CE
- Athens WOUB 91.3-verified with ltr, cm enclosed. v/s Ted Jacobson, Prgm, Dir.

The above reports are from Peter Sawatzky of Waterloo, Canada

MISSOURI Hanaibal KGRC 92.9-ltr and survey chart. v/s Mel Elzea. Said ND was the farthest report until they got mine.

TEXAS Austin KVET 100.7-ltr, v/s Alvin O. Kriegel Jr. Tech. Sup. who said: "this is the farthest we have been received."

San Marcos KRMH 103.7-ltr. v/s Lee Gaddis, Station Mgr. who said: "My reception is the farthest we have on record."

Wichita Falls KLUR 99.9-ltr. v/s Sammy F. Beard, Mgr.

Ft. Worth KBUY 93.7-form ltr unsigned, but a p.s. was typed on the bottom apologizing for the AM ltrhead and form ltr and hoping this added personal touch will make up for it. (....mmmmmmmm.....gk)

Ft. Worth KSCS 96.3-sent a WBAP AM/FM/TV QSL card with KSCS typed in. v/s Rupert Bogan, Dir of egr.

The above reports from Joe Markewicz, Camp Morton, Manitoba ROCOMO

WFBC-FM 93.7, Greenville, SC-combination AM/FM/TV card with antenna pwr info (took over 6 months) signature Ron

WMEZ 94.1, Pensacola, FL-ltr in 10 days. v/s Frederic T.C. Brewer, owner.

WVMI-FM 93.7, Biloxi, MS-xerox of a form ltr in 14 days, has ant-pwr info. v/s Robert L. Thornton, CE.

WCHD 105.9, Detroit, MI-ltr in 10 days. v/s Cecil Wilkinson, egr. department.

WGCL 98.5, Cleveland, OH-xerox of a form ltr with much xmtr-ant details in 12 days, signed Richard A. Schuh, Corporate Dir of Egr. (used to be with KNUS); also enclosed contour cm.

WJML-FM, 98.9-Petoskey, MI-form ltr with power info in 10 days. v/s Glenn H. Casy, GM.

~~WBBB~~ 105.9, Grand Rapids, MI-ltr in 10 days, v/s Michael O. Lareau, GM.

WFAV 98.3-Cordele, GA-ltr in 228 days (they had misplaced my report in the files) saying most distant report they have; v/s Bill Goodson, GM.

KBBY, 95.1, Ventura, CA-felt-pen ltr in 7 days, v/s Earl Spencer, OPS M.

KLYD, 94.1, Bakersfield, CA-returned my report with verie note (another felt-pen job) signed Donald T. Allen; time: 7 days.

KPCS, 89.3, Pasadena, CA-sent Oct-Dec '73 Pgm Guide, Xerox of their log for my report with verie note typed, v/s A. Kenneth Johnson, CE (W6FU/WB6TTZ); also card for W6FU & W6BAB (club station of Pasadena City College) time was 7 days.

The above reports from Pat Dyer of San Antonio, Texas. Pat reports these were 6-7 month old reports he sent. Nice going Pat.....

NEW Brunswick St. John CFBC 98.9-nice postcard showing the Martello Tower. v/s Gordon Miller, CE-this card was when I was living in NS. The only verie I got & only one sent. (Joe Markewicz) (sorry about being out of order...gk)

Al Ellis sent me Xerox copies of QSL letters...here below are his best.

BERMUDA Hamilton ZBM 89.1-1000 watts-sent vy nice ltr ~~whhh~~ said: "We too are very impressed with the quality of the signal and are pleased that you took the time and effort to send us the tape, which we shall keep on file, along with your letter." v/s Keith P. Hart. Production M. (I consider this QSL to be his best..gk)

WARC-FM Meadville, Pa-90.3 with 33 watts ERP.-sent nice ltr from Arthur T. Reed, Dir of Egr.

WVWC 88.9 Buchannon, W.Va.-sent vy nice ltr and remembers me from the first report. v/s Arnold W. Sayre, CE. (Al says he gets normal reception from them at 240 miles...that is vy good...gk)

THANKS FOR A LTR FROM Richard Wood who says I should go back to state method. Yes...I do agree...the state method will be back for July VUD. Please send all reports on 3 1/2 x 5 index cards..thanks..I haven't noticed any Es yet...on slight Tr. Thats it for this month.

73's...good DXing....happy streaking! *Aug*

TV QSL CORNER

JUNE '74

First, mailbag: Any South Carolina ETV Network station can be verified by Gerald H. Warr, transmission engineer at Drawer L, COLUMBIA, S.C. 29250. No word yet on getting WGR to ad dates and times to their card. Also reports to this column for this year so far have been from eight reporters. These eight report regularly and I think more of you could. Out West we get 0 reports. Let's face it the stuff in this column is only as good as you send in! I realize this can be a hassle but we don't care if you send one report or 100, they're all needed.

On to the reports:

- AL WSFA Ch 12 MONTGOMERY, memo, DICK PAYNE, ce. 5 days. (JC).
WHNT Ch 19 HUNTSVILLE, hand written card, J.M. HALL, ce. 10 days. (KRS).
 GA WTCC Ch 17 ATLANTA, ltr & map. E.B. WRIGHT, ce. 3 weeks. (KRS).
WJCL Ch 22 SAVANNAH, ltr. E.F. BIGBIE, vp eng & op. 9 days. (JC).
 SC WIS Ch 10 COLUMBIA, ltr JOSEPH P. GILL Jr., ce. 5 days. (JC).
WEBA Ch 14 ALLANDALE (Route 1, Box 47 BARNWELL, SC, 29812) ltr. JAY STOWELL, eng. 8 days. (JC). Same. (KRS).
WRLK Ch 35 COLUMBIA, ltr, SC ETV booklet. DONALD FRIERSON, supt. 9 days. (JC).
 TX WOAI Ch 4 SAN ANTONIO, unsigned card. (on 4¢ post card--4¢ POSTAGE DUE). 10 days. (KRS).
KHOU Ch 11 HOUSTON, ltr. M. ART BIGGS, ce. 20 days. (KRS).
 PR WIPM Ch 3 MAYAGUEZ (Box 449), ltr. PEDRO SILVA, tech. 10 days. (KRS).
WIPR Ch 6 SAN JUAN (Box 609 HATO REY, PR, 00919) ltr. GRAFTON OLIVERA, de. 10 days. (KRS).
 --both English answers to English reports.

MEXICO

- NL XEFE Ch 3 MONTERREY (Televiscentro de Monterrey, Espinosa Pte. 780, Monterrey) Spanish ltr & card. ING. ALFONSO R. TAMEZ, Ingeniero en Jefe. 1 week. (KRS). Report in SPANISH.
 YU XHY Ch 3 MERIDA (Televisora de Yucatan, S.A., Apt. 152, Merida). English ltr. C.P. ANDRES GARCIA LAVIN, gen. mgr. 1 week. (KRS). Report in Spanish.

-----KRS= me; JC= John Combs, Orlando, Fla. (NEAR DISNEY WORLD and BIRTHLO!)

Second thoughts: WCBS-TV Ch 2 NEW YORK has so far resisted all efforts to restart sending out QSL cards. WWAY Ch 3 WILMINGTON remains erratic in answering reports. If you have any nominations for the TV QSL BLACK LIST feel free to submit them. Also, I'm running a contest to find the OLDEST KNOWN TV QSL. Surely Bob Cooper or Glenn Hauser or Bob Seybold has one back to the late 40s... If you want to enter, just send a xerox for starts. When I go on vacation in August to Guatemala, El Salvador and Nicaragua, I will try and see if I can get QSL policies on stations in those 3 countries. Is anyone strong enough in French to attempt a report form? Well, keep them 3 x 5s commin... SUPPORT YOUR COLUMN. 73s & gud TVDX.

Kan

KENNETH R. SIMON
 628 Pilgrim Road
 West Palm Beach, Fla. 33405

Values (P)	Analysis (A)	Fading (F)	Interference (I)
No signal 0	No signal 0	No signal 0	Low of signal 0
Not detectable 1	Faint detectable 1	Blurry 1	Extremely 1
Heavy noise 2	Poor 2	Slow decay 2	Heavy 2
Interfering noise 3	Fair 3	Moderate 3	Moderate 3
Light noise 4	Good 4	Light 4	Light 4
Strong light 5	Excellent 5	None 5	None 5

Intensity (I)
Area of signal (A)
Extreme 1
Heavy 2
Moderate 3
Light 4
None 5

Analysis (A)	Feeding (F)
No signal 0	Normal flapping 0
Just detectable 1	Deep flap 1
Poor 2	Slow deep 2
Fair 3	Medium 3
Good 4	Light 4
Excellent 5	None 5

Page

Time Standard

DATE 100-11111-OUT

STATION

CH/FR

PROGRAMMING INFO, ANNOUNCEMENTS AND OTHER DATA

V A F I #

8150

FLASH!
MONTH LOG SHEET

ASH!
NEXT MONTH LOG SHEET PRICES ARE
GOING UP!
Pad of 100: \$2 from Headquarters.

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VHF-UHF DX
ENTHUSIAST

P. O. BOX 163

DEERFIELD, ILLINOIS 60015



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THIRD CLASS